# State of California, State Water Resources Control Board Division of Water Rights P.O. Box 2000, Sacramento, CA 95812-2000 Info: (916) 341-5300, FAX: (916) 341-5400 Web: http://waterrights.ca.gov

#### SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE FORM

#### Owner(s) of Record:

CITY OF SANTA CRUZ

## S002042

2005, 2006, 2007

Notifying the Division of Water Rights of ownership or address changes is the responsibility of the claimant

			•						P	Please Cor	npiete and	a Return II	nis Form D	by JULY 1, 200
Primary (	Contact:		• •		ĺ			Agent:	Water	Desa	IXCOS	Man	asem	ents
•	SANTA (	CRUZ						Address:	OVICE	PCSE	1	7	. =	
809 CEN			Locus	F Str	eet S	mite	A	Address.	City_0	t-oa	nta	Cruz III R	5	
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	o. 831-4							Phone No		-420		<u> </u>		
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E-mail A	ddress: Ł	okoche	reci	. sainto	i-cru	t.ca	.us	E-mail Ad	oress: K	parris	e a	sania	Cru	E.Ca.K
Source N	ame: LAG	UNA CREI	ΕK	•	1			•	1					
		ific 0			•				Ĭ	Year of Fire	st Use: 18	90		
	Santa Cr								Name of	Diversion v	works:		2	ა ე
-			W 1/4 Sect	tion 30, T	10 Ş, R 2	W, MDB&f	<b>J</b>		Assess	or Parcel N	umber		7	5 3
									oft	he Diversio	n site: (	1, - ZOX	<u> </u>	3 OH
	Motorio	. Hood Ho	dom Binori	an alaim	Pro 1	014 oloim	X cou	urt Decree N	Vo.:	Other	(evolain)	. 3	<u> </u>	5
A.	water is	USEG UNI	<u>uer</u> : Ripali	an ciaim _	FIE-1	9 14 Clailli		III Declee i	VO.,	Outer	(explain).		<u> </u>	<del>,</del>
В.	Year of	First Use:	(Please pro	ovide if mi	ssing in th	e Division	of Rights o	database (e	wrims))			į.		, 51.20
0	D-46	Diani	The make :	- f ali:i		fa- aa-b -		I and antar	j salim ško šabi	la balawia	shown in	unite of	ביב כיב	52
C.			inute (gpm	or aiversio }	n oj water Ga	allons per d	nonun used dav (and)	X	ed in the tab	feet per se	cond (cfs)	units oil 🥕 )		
	<b>-</b>	iona poi m		<i>'</i> ————					7			1	<del></del>	
	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec Ch	Average
	2005	3.39	78 (	3.51	380	4.02	3.47	2.70	2.04	1.52	1.21	0.90	2.05	2 60
	2005	3.71	3.48	4.09	3.36	4.10	4.04	3.35	2.35	1.82	1.33	1.32	150	2.84
<b>A</b>	2007	1.03	2.21	1.90	1,10	0.78	0.62	0.46	0.13	0.25			0.40	0.79
Iverage	rates	are	weight	red n	reans	based	on the	e num	the table bel	days	in	vivice	eac	h mont
· •0:		<u>/ of Water</u> lons .	Used/-The	e quantity	of water u illons (MG	sed each r		entered in cre-feet (AF		ow is show	vn.in units	ot:		
	Gai			WIIIION GE	IIIOIIS (IVIO	1		cie-ieci (Ai	16					
	Year	Jan	Feb	Mar	Apr	May	June	July	Aüg	Sept	Oct	Nov	Dec	Total
	0005	84.82	18.76	70.27	112 97	124.55	100 74-	9211	63.17	45.48	27/12	26.86	53.24	382.88
	2005	100.09				127.00		103.94						
	2007	29.88	59.70			24.15	18.59	14.12	9.56	7.35	6.11	7.13	12,34	276.43
			<u> </u>		1.		<del></del>		i.					
E.	Purpose	of Use -	Specify nur	mber of ac	res irrigate	ed, stock w	atered, pe	ersons serv	ed, eţc.			·		
	Irrigation				acres:	Stockwate	erina .			Domestic_	90,0	000±	:	,
	~		nuni	cipal	Au	sply			· · ·	<b>-</b> -	<del></del>	<del>/2====================================</del>		,
			<del>}</del>			1	72 %/	<del></del> _	<del>~</del>	<u></u>		<u></u>		
	Parcel N	umber(s) o	f Place of I	Jse: <u>[//</u> ]	Thin	- 7he	(str	1 07-	Janta	J Cru	y s	ervic	e a	rea
F.	Change	s in Metho	d of Diver	sion - De	scribe any	changes i	n your pro	ject since y	our previous	statement	was filed			
			ed diversio					•						
					<del></del>									
G.	Please a	nswer only	those que	stions held	nw which a	are annlica	hie to vour	project	,					
0.	1 10400 4	riowor orny	alooc dad	Oliono Don	;	aro applica	DIO 10 your	project.	1					
	1. Cor	servation (	of water						;					
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•	a.	Are you r	now employ any water	nng water conservati	on efforts	ion elloris. Vou have i	nitiated:	100. "	1 Hack	ment.	· 10 s	Lynn	emen	fal.
		Make	ment	M	Vater	<i>( ) \</i>	rsion	and	IXe."			17		
	•			0	· ·							4644		
	b.		_			ervation un	der sectior	1011 of th	e Water Co	de for your	claimed p	re-1914 a	ppropriativ	e right, please
		snow the	amount of	water con	served:				Ċ					^
		Reduction	n in Diversi	ons: ,	1		ا وسرد	^		. –		,,	<u>~</u>	75/
		Year D		58.4	_(AF/MG)	Year <u>O</u>	0 1 Hu	0.9	(AF/MG) Y	ear <u>0 +</u> .	195.	<u>4</u> (A	NF/MG)	

			Reduction in consumptive use: Year 05 158.4 (AF/MG) Year 06 176.9 (AF/MG) Year 07 195.4 (AF/MG)
		ì	I have data to support the above surface water use reductions due to conservation efforts. YES X NO
	2.		er quality and wastewater reclamation
		a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES X NO
		b.	If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:
			Amount of reduced diversion: Year 05 210.79 (AF/MG) Year 06 231, 194 (AF/MG) Year 07 231.534 (AF/MG)
•			State the type of substitute water supply: <u>reclaimed water</u>
			Amount of substitute water supply used:  Year 05 210.79 (AF/MG) Year 06 231,194 (AF/MG) Year 07 231.534 (AF/MG)  I have data to support the above surface water use reductions due to the use of a substitute water supply. YES X NO
	3.	Conj	unctive use of surface water and groundwater
		a.	Are you now using groundwater in lieu of surface water? YES NO
			If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:  Year 05 9H, 06 (AF/MG) Year 06 117.61 (AF/MG) Year 07 167.95 (AF/MG)  I have data to support the above surface water use reductions due to the use of groundwater. YES X NO
			nd that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is the future.
	DAT		hat the information in this report is true to the best of my knowledge and belief.  8/12, 108 at Sanda Cruy, California
			NAME: Bill Kocher
			(first name) (middle initial) (last name)  Y NAME: City of Santa Cruz Water Department
	ITEA	A	If there is insufficient space for your answers, please use the space provided below or add an attachment sheet.)  CONTINUATION
Glb. C	ITEN 32ko		hese amounts are cumulative for all of the Citys
, <b>.</b>	-1	19.2	appropriative water rights, which function together
			to provide for the City's water supplier.
			GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA  There are two principal types of surface water rights in California. They are riparian and appropriative rights.
watershed the severe of a stream	d as t ed pa m but	he wa ircel. I may	les an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same iter source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return bundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. After the formation of the California Water Commission back on December 19, 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

the



August 27, 2008

Victoria Whitney, Deputy Director
Division of Water Rights
STATE WATER RESOURCES CONTROL BOARD
PO Box 2000
Sacramento, CA 95812-2000

Re: Supplemental Statements of Water Diversion and Use for

Laguna Creek (S002042), Liddell Spring (S002043), Majors Creek (S002044) and Reggiardo Creek (S008610);

Progress Report by Permittee for permit numbers 016123 and 016601

Dear Ms. Whitney:

Enclosed are the Supplemental Statements for the above-referenced rights for the years 1976 through 2005. A Supplemental Statement for S008610 is also included for the years 1973-1975. These Supplemental Statements are original filings for the years 2001 through 2005, but are otherwise corrective filings. They are based on sequential reporting periods.

Also enclosed are the Progress Reports for Permittee for the above-referenced rights for the years 1977 through 2006. These Progress Reports are corrective filings based on our most current data.

Please correct your records to reflect the City's current contact information, which is:

City of Santa Cruz Water Department 212 Locust Street Santa Cruz, CA 95060

Please call me if you have any questions about the foregoing or if you need anything further to process the contact information update. Thank you.

Bill Kocher Water Director

Cc w/ Encl.: Read file

Martha H. Lennihan, Esq.

#### State of California, State Water Resources Control Board Division of Water Rights

P.O. Box 2000, Sacramento, CA 95812-2000 Info: (916) 341-5300, FAX: (916) 341-5400 Web: <a href="http://waterrights.ca.gov">http://waterrights.ca.gov</a>

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information. Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

### CORRECTED SUPPLEMENTAL STATEMENT

S002042

s<sup>002042</sup> STATEMENT NO.: PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING (831)420-5478 CONTACT PHONE NO.: ' City of Santa Cruz 212 Locust Street Santa Cruz, CA 95060 Source Name: Laguna Creek Tributary To: Pacific Ocean Year of First Use: 1890 County: Santa Cruz Parcel Number: 062-101-03 Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2WMDB&M Pre-1914 right Other (explain): Water is Used Under: Riparian claim \_\_\_ Year of First Use: (Please provide if missing above) Amount of Use: Enter the amount (or the approximate amount) of water used each month, using the table below X Acre-feet (AF) Other Million Gallons (MG) Amounts below are in: Gallons Total Aug Oct Nov Feb Mar Apr May June July Sept **Annual** 115.670 2.741 4.702 13.239 11.895 17.313 17.044 11.084 10.757 6.406 6.468 14 862 80.995 9.624 9.785 9.094 6.016 33.419 24.809 19.472 21.908 730.345 56.470 101.920 95.558 94.159 113.317 37.240 1978 <u>Purpose of Use</u> – Specify number of acres irrigated, stock watered, persons served, etc. \_; Domestic \_\_\_\_\_ persons served Stockwatering \_ acres; Other (specify) Municipal supply within the City of Santa Cruz service area <u>Changes in Method of Diversion</u> – Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.) Please answer only those questions below which are applicable to your project. Conservation of water Are you now employing water conservation efforts? YES a. Describe any water conservation efforts you have initiated: If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved: Reduction in Diversions:

(AF/MG) Year

(AF/MG) Year \_

\_ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES \_\_\_\_

\_\_ (AF/MG) Year \_\_

\_\_ (AF/MG) Year \_

Reduction in consumptive use:

	2.		er quality and wastewater reclamation	t de	
		a.	Are you now or have you been using reclaimed water from a wastewater trea a degree which unreasonably affects such water for other beneficial uses?	atment facility, desalination fac ES X NO	lity or water polluted by waste to
		b.	If you are claiming credit due to the substitution of reclaimed water, desalina appropriative right under section 1010 of the Water Code, please show amount used:	ted water or polluted water in linits of reduced diversions and	eu of a claimed pre-1914 amounts of substitute water
				/MG) Year <u>'78</u> 49.859 m	G (AF/MG)
			State the type of substitute water supply:	<u> </u>	<del>-</del>
				/MG) Year <u>'78</u> 49.859 m	g (AF/MG)
			I have data to support the above surface water use reductions due to the us	ે e of a substitute water supply.	YES NO
	3.	Con	njunctive use of surface water and groundwater		
		a.	Are you now using groundwater in lieu of surface water? YES X NO	<u>.</u>	
		b.	If you are claiming credit due to the substitution of groundwater for a claimed Code, please show the amounts of groundwater used:		
•			'76 248.72 mg (AF/MG) Year '77 48.15 mg (AF	MG) Year <u>'78</u> 85.50 mg	(AF/MG)
			I have data to support the above surface water use reductions due to the us	e of groundwater. YES X	NO
			tand that it may be necessary to document the water savings claimed in "F" al	oove if credit under Water Code	sections 1010 and 1011 is
		•	n the future.	of	
	l de	eclare	that the information in this report is true to the best of my knowledge and beli	Ģ1.	. California
	DA	TĘ: _	8/C/P/, 70/OS at Santa Cruz		, California
	SIG	TAN	URE:		·
	PR	INTE	D NAME: Bill Kocher  (first name) (middle initial)	(last name)	<u>.                                    </u>
			(first name) (middle initial)  City of Santa Cruz	(last name)	Ĭ.
	СО	MPA	NY NAME:	<u>t</u>	
			If there is insufficient space for your answers, please	use the space provided below	i.
	ITE	M	CONTINUATION	siahta and ara daimad	
	F 		All amounts are cumulative for all of the City's appropriative wate		
			as such for each of the rights, which function together to provide	or the City water supply.	
					r.
•					·
	_			k.	
	_		GENERAL INFORMATION PERTAINING TO WA	TER RIGHTS IN CALIFORNIA	k
			There are two principal types of surface water rights in California	They are riparian and approp	oriative rights.
watershe the seve	ed as red p am b	the volume	ables an owner of land bordering a natural lake or stream to take and use wat water source and must never have been severed from the sources of supply by the Generally, a riparian water user must share the water supply with other ripary not be used to store water for later use or to divert water which originates in groundwater, or other "foreign" water to the natural stream system.	y an intervening parcel withou rian users. Riparian rights ma	t reservation of the riparian right to v be used to divert the natural flow
there is a	a sur	olus r	ight is required for use of water on non-riparian land and for storage of water. not needed by riparian water users. Since 1914, new appropriators have been so can be granted to waters "foreign" to the natural stream system.	Generally, appropriative rights required to obtain a permit a	may be exercised only when d license from the State.
oveentio	ne i	The fil	ter Diversion and Use must be filed by riparian and pre-1914 appropriative wa iling of a statement (1) provides a record of water use, (2) enables the State to ir diversions, and (3) assists the State to determine if additional water is available.	notify such users if someone	Code section 5100 with specific proposes a new appropriation
We have	e sev	eral p	sion is provided for general information. For more specific information concer pamphlets available. They include: (1) Statements of Water Diversion and Use of Water in California.	ning water rights, please conta se, (2) Information Pertaining to	ct an attorney or write to this office water Rights in California, and
ST-SUP	PL (	1-05)	Page 2 of 2	:	

#### State of California, State Water Resources Control Board Division of Water Rights

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Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

### CORRECTED SUPPLEMENTAL STATEMENT

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

STATEMENT NO.:

s<sup>002042</sup>

S002042 **19**79 **. 19**80 .

CONTACT PHONE NO.:

(831)420-5478

City of Santa Cruz 212 Locust Street Santa Cruz, CA 95060

source Name: Laguna Creek Tributary To: "Pacific Ocean County:

- Santa Cruz Year of First Use: 1890 Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2WMDB&M Parcel Number: 062-101-03 \_ Pre-1914 right \_\_X A. Water is Used Under: Riparian claim \_\_\_\_ Other (explain): B. Year of First Use: (Please provide if missing above) Amount of Use: Enter the amount (or the approximate amount) of water used each month, using the table below. Million Gallons (MG) Acre-feet (AF) Other Amounts below are in: Gallons Nov Total Mar Dec Year Jan Feb Apr May June July Aug Sept Oct Annual 538.598 42.024 29.891 17.243 118.321 35.587 31.252 73.470 103.073 78.536 51.577 36.831 1979 101.226 101.097 99.650 88.194 17.383 28.205 35.253 53.758 46.122 31.426 21.138 19.754 14.763 14.543 31.876 336.600 <u>Purpose of Use</u> – Specify number of acres irrigated, stock watered, persons served, etc. \_; Domestic \_\_\_\_ Irrigation acres; Stockwatering \_ Other (specify) Municipal supply within the City of Santa Cruz service area Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.) Please answer only those questions below which are applicable to your project. Conservation of water NO \_X Are you now employing water conservation efforts? YES Describe any water conservation efforts you have initiated: If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved: Reduction in Diversions: \_\_ (AF/MG) Year \_ \_\_ (AF/MG) Year \_ Reduction in consumptive use:

(AF/MG) Year

NO

Page 1 of 2

I have data to support the above surface water use reductions due to conservation efforts. YES \_\_\_

\_\_ (AF/MG) Year \_

ST-SUPPL (1-05)

	2.			ind wastewater i						•		
		a.	Are you n a degree	ow or have you which unreason	been using reclair ably affects such v	ned water t water for ot	from a wastewa her beneficial u	ter trea ses? Y	tment facility, de ES X NO	esalination fac	ilį̇́ty or water pol	uted by waste to
		b.	If you are appropria supply us	tive right under	due to the substitu section 1010 of the	tion of recl Water Co	aimed water, de ide, please sho	esalinat w amou	ed water or pollo ints of reduced o	uted water in I diversions and	ieu of a claimed I amounts of sub	pre-1914 stitute water
			Amount of Year '79	of reduced divers	sion: (AF/MG) Y	ear '80	56.343 mg	(AF/	MG) Year <u>'81</u>	50.909 m	g (AF/MG)	
			State the	type of substitut	te water supply:	claimed	water				<u>.</u>	
			Amount o	of substitute water	er supply used: (AF/MG) Y	'80	56 343 mg	(AF/	MG) Year <u>'81</u>	50.909 m	ig (AF/MG)	
			I have da	ta to support the	e above surface wa	ater use re	ductions due to	the use	of a substitute	water supply.	YES X NO	)
	3.	Con			ter and groundwal				1			
		a.	Are you r	now using groun	dwater in lieu of so	urface wate	er? YES X	NO _	·			
		b.	If you are	claiming credit	due to the substitu	ition of gro	undwater for a	claimed	pre-1914 appro			
				8.47 mg	(AF/MG) Y	ear	34.24 mg	(AF	MG) Year <u>'81</u>	150.50 m	ng (AF/MG)	
				ita to support the	above surface w	ater use re	ductions due to	the use	of groundwater	r. YES X	NO	
٠.	Lur	nderst	and that it	may be necessa	ary to document th	e water sa	vings claimed in	"F" ab	ove if credit und	ler Water Cod	e sections 1010	and 1011 is
			the future		,		J		<b>1</b>		1	
	l de	eclare	that the in	/ )	report is true to th			nd belie	ef.		*	
	DA	TE: _	8/2	7 20	<b>P</b> at	Sa	nta Cruz		<u> </u>	<u> </u>	*	, California
	SIC	SNATI		1DNOT	le-						:	
	PŘ	INTE	NAME:	Bill Kocher		(m	iddle initial)			(last name)	1	-
				City of Sant	name) ta Cruz	(iii)	iddle iriidar)	ı	). 	(last flatfie)	<b>k</b>	
	CO	MPAI	NY NAME	•			· · · · · · · · · · · · · · · · · · ·		<u> </u>		:	-
				lf	there is insufficier	it space for	your answers,	please	use the space p	provided belov	v <u>.</u>	
	ITE F	EM		CONTINUATION All amounts ar	DN e cumulative for a	II of the Cit	v's appropriative	water	rights and are o	laimed		
	<u>'</u>		_		ch of the rights, wh						L.	•
	_		-	as such for each	on or the rights, wi			1			<del>-</del>	-
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				There are two	GENERAL INFOF principal types of	RMATION I surface wa	PERTAINING T ater rights in Ca	O WAT lifornia	ER RIGHTS IN They are ripari	CALIFORNIA ian and appro	priative rights.	
watershe the seve of a stre	ed as red p am b	the worked	ater sourd Generall v not be u	ce and must nev ly, a riparian wat sed to store wat	dering a natural lal er have been seve er user must share er for later use or t ign" water to the n	ered from the the water to divert wa	he sources of so supply with oth ater which origin	ipply bi er ripar	ỳ an intervening rian users. Ripa	parcel withou rian rights ma	t reservation of to be used to div	he riparian right to ert the natural flow
there is	a sur	plus n	ot needed	by riparian wate	ater on non-riparia er users. Since 19 "foreign" to the na	914, new a <sub>l</sub>	opropriators hav	water.   ve been	Generally, appro	opriative rights ain a permit a	may be exercis nd license from t	ed only when he State.
exception	ns '	The fil	ing of a st	atement (1) prov	t be filed by riparia rides a record of w ts the State to dete	ater use. (:	<ol><li>enables the S</li></ol>	State to	notify such use	rs if someone	Code section 5 proposes a new	00 with specific appropriation
The abo	ve di e sev	scuss eral p	ion is prov	ided for general		more speci	fic information of	oncern	ing water rights	, please conta	ct an attorney o Water Rights i	r write to this office n California, and
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ST-SUP	rL (	1-00)				i aye z	01 2	•				

# State of California, State Water Resources Control Board Division of Water Rights P.O. Box 2000, Sacramento, CA 95812-2000 Info: (916) 341-5300, FAX: (916) 341-5400 Web: <a href="http://waterrights.ca.gov">http://waterrights.ca.gov</a>

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PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

STATEMENT NO.:

s<sup>002042</sup>

CONTACT PHONE NO.:

(831)420-5478

City of Santa Cruz 212 Locust Street Santa Cruz, CA 95060

Source Name: Laguna Creek Tributary To: Pacific Ocean Santa Cruz County:

Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2WMDB&M

A. Water is Used Under: Riparian claim.\_

Year of First Use: 1890

Parcel Number: 062-10 Pre-1914 right \_ Other (explain): Year of First Use: (Please provide if missing above) Amount of Use: Enter the amount (or the approximate amount) of water used each month, using the table below.

### Add  ###	8.473 72.467 umber of accession – Deson dam, localestions below	acres; thin the (scribe any cation of dispose which a	Stockwate City of S changes i iversion, et	vatered, peering anta Cru	Z Service lect since you	area	statement	34.529 26.694 23.253 9,300 pe	ersons s		Total Annua 858.5 655.3 573.7
6.300 12.556 11.885 54.345 Use – Specify n  Municipal 1  y) Method of Diverser only those quarter of water a you now emple	8.473 72.467 umber of accession – Deson dam, localestions below	acres; thin the (scribe any cation of dispose which a	65.842 64.575 ed, stock w Stockwate City of S changes i	vatered, peering anta Cru	101.093 41.441 rrsons serve z service ect since your project.	87.605 36.025 ad, etc; C area	60.909 33.911 comesticstatement	26.694 23.253 9,300 pe	18.667 5.161 ersons s	25.621 20.465 erved	655.3
11.885 54.345  Use – Specify n  Municipal   Method of Diverse enlarged diverse er only those que  vation of water er you now emple	resion - Deson dam, loc	58.899  acres irrigate acres; thin the 0  scribe any cation of di	ed, stock w Stockwate City of S changes i iversion, et	st.287 vatered, pering anta Cru in your project)	41.441 rrsons serve z service ect since your project.	36.025  d, etc. area  our previous	33.911  omestic 6	23.253 9,300 pe	ersons s	20.465 erved	
Use – Specify n  y) Municipal  Method of Diversenlarged diverser only those quadration of water expounces around the specific of the specific	supply witersion - Deson dam, loc	acres; thin the ( scribe any cation of di	ed, stock water City of Section changes in iversion, et	vatered, peering anta Cru in your projec.)	z service lect since yo project.	d, etc. ; C area our previous	omestic 6	9,300 pe	ersons s	erved	
Municipal Method of Diversentarged diverser only those quarton of waterer you now empl	supply wit ersion - Deson dam, loc estions belo	acres; thin the ( scribe any action of di ow which a	Stockwate City of S changes i iversion, et	anta Cru n your proj	Z Service lect since you	area	statement	was filed.			
Method of Diversenlarged diverser only those quation of water errors you now employed	ersion - Deson dam, loc estions belo	scribe any cation of di	r changes i iversion, et are applica	n your proj	project.	our previous					
er only those que	estions belo	ow which a	are applica	ble to your	project.				3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		
e you now empl	oying water	conservat	ion efforts'	2 VES	N	io X					
aariba aayyyyata	e aanaaniati	ion offorto	von bavo i	initiated:	- '`	<u> </u>					
scribe any water	Conservati	ion enorts	you have i	initiated							
ou are claiming	credit for wa	ater conse	ervation un	der section	n 1011 of the	e Water Cod	le for your	claimed p	re-1914 ar	opropriativ	e right,
									1		
ar		_ (AF/MG)	) Year		<del></del> .	(AF/MG) Ye	ear		(A	(F/MG)	
eduction in cons	umptive use	<b>:</b> :									
ar		_ (AF/MG)	) Year		<del></del>	(AF/MG) Yo	ear	<u>:</u>	(A	(F/MG)	
/Co	ou are claiming with amount of duction in Diver	ou are claiming credit for w w the amount of water con duction in Diversions:	ou are claiming credit for water conservation efforts to are claiming credit for water conserved:  duction in Diversions:  (AF/MG duction in consumptive use:	ou are claiming credit for water conservation unwithe amount of water conserved:  duction in Diversions:  (AF/MG) Year	ou are claiming credit for water conservation under section with the amount of water conserved:  duction in Diversions:  (AF/MG) Year	ou are claiming credit for water conservation under section 1011 of the with the amount of water conserved:  duction in Diversions:  (AF/MG) Year	ou are claiming credit for water conservation under section 1011 of the Water Code with the amount of water conserved:  duction in Diversions:  (AF/MG) Year(AF/MG) Year(AF/MG) Year(AF/MG) Year	ou are claiming credit for water conservation under section 1011 of the Water Code for your with the amount of water conserved:  duction in Diversions:  (AF/MG) Year(AF/MG) Year(AF/MG) Year	ou are claiming credit for water conservation under section 1011 of the Water Code for your claimed pow the amount of water conserved:  duction in Diversions:  In	ou are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 ap w the amount of water conserved:  duction in Diversions:  (AF/MG) Year(AF/MG) Year(AF/MG) Year(AF/MG) Year(AF/MG)	ou are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative with the amount of water conserved:    duction in Diversions:

Page 1 of 2

ST-SUPPL (1-05)

	2.	Wate	r quality and wastewat	er reclamation							:		
		a.	Are you now or have y a degree which unreas	ou been using reclair onably affects such v	ned water for oth	rom a wast ner benefici	ewater trea al uses? \	atment (	facility, de X NO _	salination fa 	cility or	water pollu	ited by waste to
		b.	If you are claiming cree appropriative right und supply used:	lit due to the substitu er section 1010 of the	tion of recla Water Co	aimed wate de, please s	r, desalina show amou	ted wat unts of	er or pollu reduced d	ted water in iversions ar	lieu of id amou	a claimed punts of subs	ore-1914 stitute water
			Amount of reduced div Year 82 70.753 n	<u>19</u> (AF/MG) Y	ear	76.231 r	ng (AF	/MG) Y	ear <u>'84</u>	62.688 r	mġ	(AF/MG)	
			State the type of subst	itute water supply:	claimed	water		1			4		
,			Amount of substitute w Year 82 70.753 n				ng (AF	/MG) Y	/ear <u>'84</u>	62.688 r	ng	_(AF/MG)	
			I have data to support	the above surface wa	ater use red	luctions due	to the use	্" e of a s	ubstitute v	vater supply	YES	NO	·
	3.	Con	unctive use of surface										
		a.	Are you now using gro	undwater in lieu of st	ırface wate	r? YES_	NO _	1	<u>.</u>				
		b.	If you are claiming cre-	dit due to the substitue amounts of grounds	ition of grou	indwater fo	r a claimed	pre-19	14 approj				1.5 of the Water
			Year '82 76.62 I	ng (AF/MG) Y	ear '83	100.53 r	ng (AF	i /MG) Y	<sub>/ear</sub> '84	145.32 ı	mg	(AF/MG)	
			I have data to support										
			\$ ·					ı					
	l un	dersta	nd that it may be nece the future.	ssary to document th	e water sav	rings claime	d in "F" ab	ove if c	redit unde	er Water Co	de sect	ions 1010 a	ind 1011 is
		_		nin rangat in taun to th	a boot of m	v koowlodo	a and hali	ll" Se					
			hat the information in t	.~			e and bein	E1.					0-14
	DA.	re: _	0/2/2/	0 08 at	Sar	ita Cruz							California
	SIG	NATU		Blle				1			<del>-</del>		
	PR	NTEC	NAME: Bill Kocher		(mi	ddle initial)	··	T		ast name)	<u> </u>		
			City of Sa	rst name) inta Cruz	(1111)	uule IIIIIai)		1,	()	ast name)	E.		
	CO	MPAN	Y NAME: ORY OF OR					<b>h</b>					
			•	If there is insufficien	t space for	your answe	rs, please	use the	space pr	ovided belo	W.		
	ITE	М	CONTINUA			/ '		م معطسانان	and are all	nim a d			
	F —	-	<u> </u>	are cumulative for al							-	<del></del>	
			as such for e	each of the rights, wh	ich function	together to	provide fo	or the C	ity water :	supply.	•		
					<u>.                                    </u>		<u> </u>				· :		
		•						h,			ì.		•
	-				· <del>-</del>						•		
	_		<u>.                                    </u>	GENERAL INFOR	MATION D	EDTAINING	TO WAT	ED DIC	LITS IN C	'ALIEODNII	1		
			There are t	wo principal types of	surface wat	ter rights in	California:	They	are riparia	n and appro	priative	e rights.	
watershe the seve of a strea	ed as red p am bi	the warcel.	oles an owner of land b bater source and must n Generally, a riparian w not be used to store w oundwater, or other "fo	ever have been seve rater user must share ater for later use or t	red from the the water so divert wat	e sources o supply with er which or	f supply by other ripar	y an int rian use	ervening p ers. Ripari	parcel withou ian rights ma	utireser av be u	vation of th sed to dive	e riparian right to it the natural flow
there is a	surp	olus n	ht is required for use of t needed by riparian w can be granted to wate	ater users. Since 19	14, new api	propriators	of water. have been	Genera require	lly, approped to obtain	oriative right in a permit a	s may l ind lice	be exercise nse from th	d only when e State.
exception	ns. T	he fili	r Diversion and Use ming of a statement (1) pr diversions, and (3) ass	ovides a record of wa	ater use, (2)	) enables th	e State to	notify s	such users	if someone	r Code propos	section 510 ses a new a	0 with specific appropriation
We have	seve	eral pa	on is provided for gene mphlets available. The Water in California.	ral information. For r ey include: (1) Stater	nore specifi nents of Wa	c information	on concern on and Use	ing wat e, (2) In	er rights, formation	please conta Pertaining t	act an a oWate	attorney or ver er Rights in	write to this office. California, and
		_			D	`	1				1		
ST-SUP	PL (1	-05)			Page 2 o	η 2	,	1					

# State of California, State Water Resources Control Board Division of Water Rights P.O. Box 2000, Sacramento, CA 95812-2000 Info: (916) 341-5300, FAX: (916) 341-5400 Web: <a href="http://waterrights.ca.gov">http://waterrights.ca.gov</a>

S002042

#### SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information. Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

## CORRECTED SUPPLEMENTAL STATEMENT

Source N Tributary	ame: To:	Lagu	City of S 212 Loc Santa C Ina Cree fic Ocea	Santa Cro ust Stree ruz, CA k	uz et	FOR MAIL	& REPORTI	ing -			TATEMENT ONTACT PI		_	1)420-54 1)18 SEP 8	Ç*
County:			a Cruz								ear of First				
Diversion	With	in: S	<u>W</u> 1/4 of	' <u>sw</u> 1/4 S	ection30	, Tios, R	2WMDB&	М		P	arcel Numb	er. 062-	101-03		11.15
A.	Wa	ter is	Used Und	er: Riparia	an claim _		_ Pre-1914	4 right	<u> </u>	Other (expla	iin):		·	J.	ڻ
В. С.	Yea	r of F	<u>irst Use</u> : (	Please pro	ovide if mis	sing abov	/e)	·		ch month, us					
	Am	ounts	below are	in: Gallon:	s.	N	fillion Gallo	ons (MG)	×	Acre-fe	et (AF)		Other		
		ear	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
	19	85	44.536	42.713	28.196	68.187	56.843	49.139	39.421	27.130	22.490	20.559	14.431	27.476	441.121
		86	26.678	20.629	60.057	99.599	87.670	84.403	66.563 17.821	43.286 15.209	33.022 12.859	30.271 6.858	24.419 5.162	14.466 10.650	591.063 203.145
	_19	<u>87</u>	8.228	7.496	29.890	34.732	31.089	23.151	` 17.021	13.203	12.000	0.000	0.102	10.000	
D. E.	Oth	ation er (sp	ecify) Mur	nicipal su	upply wit	acres; hin the	Stockwate City of S	anta Cru	z service	: D		<del></del>	<del></del>	erved ;	
	(Ne	w pun	np, enlarge	a aiversioi	n dam, ioc	ation of di	version, et								
F.			nswer only		stions belo	w which a	are applica	ble to you	r project.						
	1.	a.	servation of Are you not Describe	ow employ	ring water conservati	conservat on efforts	ion efforts you have i	? YES initiated:	_	NO <u>×</u>		·			· 
					-								1		
		b.	If you are show the	claiming c amount of	redit for water con	ater conse served:	ervation un	der section	n 1011 of th	ne Water Coo	de for your	claimed p	ı re-1914 a <sub>l</sub>	opropriativ	e right, please
			Reduction	in Diversi	ons:								:		
			Year			(AF/MG	) Year			(AF/MG) Y	ear		· · ( <i>t</i>	(F/MG)	
			Reduction	in consur			,					,	• •		
			Year			_ (AF/MG	) Year		·	_(AF/MG) Y	ear		(/	AF/MG)	
			I have da	ta to suppo	ort the abo	ve surfac	e water use	e reduction	s due to co	onservation e	fforts. YE	s ۱	NO	_	

	2.	Wate	Vater quality and wastewater reclamation	·
		a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination a degree which unreasonably affects such water for other beneficial uses? YES X NO X	facility or water polluted by waste to
		b,	If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions supply used:	in lieu of a claimed pre-1914 and amounts of substitute water
-			Amount of reduced diversion: Year   185   76.718 mg   (AF/MG)   Year   123.191 mg   (AF/MG)   Year   86.801	mġ (AF/MG)
			State the type of substitute water supply: reclaimed water	3
			Amount of substitute water supply used: '86 123.191 mg (AF/MG) Year '85 76.718 mg (AF/MG) Year (AF/MG) Year (AF/MG) Year 86.801	mg (AF/MG)
			I have data to support the above surface water use reductions due to the use of a substitute water supp	
	3.	Con	Conjunctive use of surface water and groundwater	
		a.	. Are you now using groundwater in lieu of surface water? YES X NO	i
		b.	Code, please show the amounts of groundwater used:	
		•	Year 85 174.66 mg (AF/MG) Year 86 33.58 mg (AF/MG) Year 87 389.61	mg (AF/MG)
			I have data to support the above surface water use reductions due to the use of groundwater. YES	
,			rstand that it may be necessary to document the water savings claimed in "F" above if credit under Water C	ode sections 1010 and 1011 is
• •		_	t in the future.	•
	l de	clare	are that the information in this report is true to the best of my knowledge and belief.	
	DA	ΓE: _	: 8 7 2 20 08 at Santa Cruz	California
	SIG	NATU	ATURE:	<u> </u>
	PRI	NTEC	TED NAME: Bill Kocher (first name) (middle initial) t (last name)	<del>- i</del>
	CO!	MDAN	PANY NAME: City of Santa Cruz	ï
	CO	MIE WI	If there is insufficient space for your answers, please use the space provided be	
				low.
	ITEI F	M	CONTINUATION  All amounts are cumulative for all of the City's appropriative water rights and are claimed	
	_	:-	as such for each of the rights, which function together to provide for the City water supply.	N.
		<u> </u>	<u>h</u>	1.
				<u> </u>
				<u> </u>
			<u> </u>	<u> </u>
			GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORN There are two principal types of surface water rights in California. They are riparian and app	
A <u>ripariar</u>	n righ	t enal	nables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Ripa e water source and must never have been severed from the sources of supply by∤an intervening parcel with	rian land must be in the same
the sever	red pa im bu	arcel. It may	e water source and must never have been severed non-tire sources of supply by an intervening parcer with seel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights r may not be used to store water for later use or to divert water which originates in a different watershed, water for groundwater, or other "foreign" water to the natural stream system.	may be used to divert the natural flow
An appro	priati surp	ve rig	right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rig s not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit hts can be granted to waters "foreign" to the natural stream system.	
exception	ns. T	he fili	later Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Wat filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someor neir diversions, and (3) assists the State to determine if additional water is available for future appropriators.	ne proposes a new appropriation
We have	seve	rai pa	ssion is provided for general information. For more specific information concerning water rights, please cor pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining of Water in California.	
ST-SUPF	PL (1:	-05)	Page 2 of 2	

# State of California, State Water Resources Control Board Division of Water Rights

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SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

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Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19

Owner of Record: City of Santa Cruz

CORRECTED SUPPLEMENTAL STATEMENT s<sup>002042</sup> PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING STATEMENT NO : (831)420-5478 CONTACT PHONE NO .: City of Santa Cruz 212 Locust Street Santa Cruz, CA 95060 Source Name: Laguna Creek Tributary To: Pacific Ocean Year of First Use: 1890 Santa Cruz County: Parcel Number: 062-101-03 Diversion Within: SW 1/4 of SW1/4 Section30, T108, R2WMDB&M \_ Pre-1914 right \_\_X Water is Used Under: Riparian claim \_ Other (explain): В. Year of First Use: (Please provide if missing above) Amount of Use: Enter the amount (or the approximate amount) of water used each month, using the table below. Million Gallons (MG) Acre-feet (AF) Other Amounts below are in: Gallons Total Nov Dec Jan Feb Mar Apr May June July Aug Sept Oct 17.423 11.401 11.883 20.772 25.042 30.246 21.578 11.325 19.116 15.958 11 706 26 384 1988 28.000 23.911 | 13.652 | 18.424 | 37.361 25.455 17.138 28.588 28.569 23.099 21.602 19.812 32.798 32.585 32.334 21.245 <u>Purpose of Use</u> – Specify number of acres irrigated, stock watered, persons served, etc. ; Domestic \_\_\_\_ acres; Stockwatering \_ Other (specify) Municipal supply within the City of Santa Cruz service area Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.) Please answer only those questions below which are applicable to your project. F. Conservation of water Are you now employing water conservation efforts? YES \_X NO Describe any water conservation efforts you have initiated: "See "Attachment to Supplemental Statement of Water Diversion and Use" If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please

686 mg

686 mg

(AF/MG) Year

(AF/MG) Year

'90

981 mg

981 mg

X\_ NO

(AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES \_

(AF/MG) Year

(AF/MG) Year \_

show the amount of water conserved:

415 mg

Reduction in consumptive use:

Reduction in Diversions:

Year '88

	2.	vvate	er quality and	i wasiewalei ieciai	nation			į.						
		a.	Are you now a-degree wh	v or have you been nich unreasonably a	using reclai affects such	med water water for o	from a wastewa other beneficial u	iter treat ses? Y	ment	facility, des	salination fa	acility or	water poll	ited by waste to
			If you are cla appropriative supply used	aiming credit due to e right under sectio :	the substite in 1010 of th	ution of rec ne Water C	claimed water, d ode, please sho	esalinate w amoui	ed wa	ter or pollu reduced di	ted water in	n lieu of nd¦amoi	a claimed punts of subs	ore-1914 stitute water
			Year '88	educed diversion: 82.992 mg	(AF/MG) Y	/ear '89	93.674 mg	: (AF/I	MG)	Year <u>'90</u>	125.93	mģ	_(AF/MG)	
			State the typ	pe of substitute was	er supply: _	eclaimed	water	12	!r 			·.	· · · · · · · · · · · · · · · · · · ·	
				substitute water sup 82.992 mg				_	MG)	Year <u>'90</u>	125.93	mg	_(AF/MG)	
				to support the abov				the use	of a	substitute w	vater supply	y. YES	NO	<del>-</del>
	3.			of surface water an				• '						
		a.	Are you nov	v using groundwate	er in lieu of s	urface wat	er? YES_X	NO _i		·		1		
			If you are cla	aiming credit due to se show the amoun	the substit	ution of gro	oundwater for a	claimed	pre-1			-		11.5 of the Water
			Year '88	429.77 mg	_(AF/MG) \	Year '89	298.60 mg	(AF/l	MG)	Year <u>'</u> 90	227.44	mg	_(AF/MG)	
			I have data	to support the abov										
	lun	dersta	and that it ma	ay be necessary to	document th	he water sa	avings claimed i	ո "F" abo	ve if	credit unde	r Water Co	de sect	ions 1010 a	and 1011 is
	sou	ght in	the future.					;h				•		
	l de	clare '	that the infor	mation in this repo				nd belie	f					
	DA	ΓÉ:	8/27	120 08	at	Sa	anta Cruz	h	i.			-	,	California
	SIG	NATU		<u> Willell</u>	سيا			· · · · · · · · · · · · · · · · · · ·			·	•		
	PRI	NTED	NAME: BI	Il Kocher			niddle initiál)	<u> </u>			ast name)	1		
				first name) City of Santa Cr	•	(ii	nuule iiittai)	,		(16	ast name)	1		
â	CO	MPAN	IY NAME: _					<u> </u>				L.		
					is insufficie	nt space to	or your answers,	please (	use tr	ie space pr	ovidea bei	ow.		,
	F	M	_	CONTINUATION  Ill amounts are cum	ulative for a	III of the Cit	ty's appropriativ	e water,	ights	and are cla	aimed			
			a	s such for each of t	he rights, w	hich function	on together to pr	ovide fo	r the	City water s	supply.	i		
			_					Tage .				N.		
					<del></del>			k.				•		
					-			L						
	<del></del>			GENI There are two princ	ERAL INFO	RMATION f surface w	PERTAINING T	O WAŢE	R RI	GHTS IN C	ALIFORNI	A opriativ	e rights.	
A rinaria	n riah	f anal		er of land bordering										the same
watershe the seve of a strea	ed as red p	the warcel.	ater source a Generally, a not be used	and must never have a riparian water used to store water for or other "foreign" w	ve been sev er must shar later use or	ered from t e the wate to divert w	the sources of some some of some some of some of the source of the sourc	apply by er ripari	an in an us	itervening p ers. Ripari	parcel withough	out resei nav be u	vation of the	e riparian right to rt the natural flow
there is a	a sure	olus ne	ot needed by	d for use of water o riparian water use ited to waters "fore	rs. Since 19	914, new a	ippropriators hav	water. ko ve been	Sener requi	ally, appropred to obtain	oriative righ in a permit	its may and lice	be exercise nse from th	d only when e State.
exception	ns T	he fili	ng of a state	and Use must be fil ment (1) provides a and (3) assists the	a record of w	vater use, (	(2) enables the S	State to r	notify	such users	if someon	r Code e propo	section 510 ses a new a	00 with specific appropriation
We have	seve	eral pa	on is provide amphlets ava Water in Ca	ed for general inform allable. They includ Ilifornia.	nation. For le: (1) State	more spec ements of V	cific information of Vater Diversion	concernion and Use	ng wa , (2) I	ater rights, profession	please con Pertaining	tact an a to Wate	attorney or er Rights in	write to this office. California, and
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													•	

# Attachment to Supplemental Statement of Water Diversion and Use 1988-1992

## Description of conservation of water efforts.

The City of Santa Cruz was under a declared water supply emergency for a six year period from 1988 through 1992 due to abnormally low rainfall, runoff, and reservoir storage. During this period, the City instituted a variety of voluntary and mandatory watering restrictions designed to reduce peak season water demand and to preserve reservoir storage. Drought response actions included: extensive public education campaign, prohibitions on outdoor washing, time-of-day and day-of-week watering restrictions, commercial water budgets, residential water rationing, and penalties for excessive use.

# State of California, State Water Resources Control Board Division of Water Rights

P.O. Box 2000, Sacramento, CA 95812-2000 Info: (916) 341-5300, FAX: (916) 341-5400 Web: <a href="http://waterrights.ca.gov">http://waterrights.ca.gov</a>

S002042

#### SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information. Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 19\_\_

Owner of Record: City of Santa Cruz

### CORRECTED SUPPLEMENTAL STATEMENT

s<sup>002042</sup> STATEMENT NO.: PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING CONTACT PHONE NO.: (831)420-5478 City of Santa Cruz 212 Locust Street Santa Cruz, CA 95060 source Name: Laguna Creek Tributary To: Pacific Ocean Year of First Use: 1890 County: Santa Cruz Parcel Number: 062-101 Diversion Within: SW 1/4 of SW1/4 Section30, T10S, R2WMDB&M Pre-1914 right \_\_\_X Water is Used Under: Riparian claim \_ \_ Other (explain): Year of First Use: (Please provide if missing above) Amount of Use: Enter the amount (or the approximate amount) of water used each month, using the table below. X Acre-feet (AF) Other Million Gallons (MG) Amounts below are in: Gallons Total July Aug Oct Nov Dec Mar Sept Jan Feb Apr May June Annual 248.889 30.162 25.473 28.281 26.873 37.922 2.664 1991 17.833 22.350 20.903 19.142 23.213 8 779 263,291 24.312 32.683 14.161 7.846 33.800 26.158 17.575 12.720 452.860 2.333 12.545 45.498 79.834 65.238 58.762 55.587 42.810 <u>Purpose of Use</u> – Specify number of acres irrigated, stock watered, persons served, etc. \_, Domestic \_\_\_\_ acres; Stockwatering Municipal supply within the City of Santa Cruz service area Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. E. (New pump, enlarged diversion dam, location of diversion, etc.) Please answer only those questions below which are applicable to your project. F. Conservation of water If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved: Reduction in Diversions: Year '91 789 mg 1189 mg 846 mg (AF/MG)

(AF/MG) Year

(AF/MG) Year \_\_\_

789 mg

×\_ NO \_

(AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES \_

846 mg

(AF/MG) Year

(AF/MG) Year

Reduction in consumptive use:

	2.	Wate	er quality ar	nd wastev	vater recla	mation				′ ;	!							
		ä.	Are you no a degree v	ow or hav which unro	e you been easonably	using recl affects suc	aimed wate th water for	r from a wa other bene	astewater ficial uses	trea ? Y	tmen ES_	t facility	, desa	alination —·	facility	or water p	oollute	ed by waste to
		b.	If you are of appropriations supply use	ive right ι	redit due t inder sectio	o the subston 1010 of	titution of re the Water (	claimed wa Code, pleas	ater, desa se show a	linat mou	ed wa	ater·or p of reduce	oollute ed div	ed water versions :	in lieu d and⊮am	of a claime counts of s	ed pre substit	e-1914 tute water
			Amount of Year '91	reduced 86.39	diversion: mg	_ (AF/MG)	Year	121.07	7 mg	(AF	MG)	Year _	93	117 mg	<u> </u>	_ (AF/M	G)	
			State the t	ype of su	bstitute wa	ter supply:	reclaime	d water		_ ;	i. ,		· 		<u>k</u>		_	
				substitut	e water su	pply used:	'92		7 mg	(AF	MG)	Year _	93.	117 mg	g :	(AF/M	G)	
			I have data	a to supp	ort the abo	ve surface	water use r	eductions of	due to the	use	∎. e of a	substitu	ute wa	ater supp	ly. YES	s_ <u>×</u> _	NO _	·
	3.	Conj	unctive use	e of surfa	ce water ar	nd groundv	vater											•
		a.	Are you no	ow using	groundwate	er in lieu of	f surface wa	iter? YES	N	0 _		<u></u> .						
		b.			the amour	nts of grour	ndwater use	ed:		ı i	•				-			.5 of the Water
			Year				Year '92										G)	
			I have data	a to supp	ort the abo	ve surface	water use r	reductions	due to the	use	of g	roundwa	ater.	YES	K NO	·		
					cessary to	document	the water s	avings clai	med in "F	" ab	ove if	f credit u	ınder	Water C	ode se	ctions 10	10 and	d 1011 is
			the future.		٨										i			
	I de	clare	that the info	ormation	'		the best of			belie	et.						_	
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watershe the sever of a strea	d as ed pa m bu	the warcel.	ater source Generally, not be use	and must a riparia ed to stor	at never had n water use e water for	ve been se er must sha later use c	are the water	the source er supply w vater which	s of supp ith other i originate	ly by ripar	/ an ii ian u:	nterveni sers. Ri	ng pa iparia	arcel with in rights i	out resembly	ervation of used to d	of the divert	ne same riparian right to the natural flow others, return
there is a	surp	lus no	ot needed b	ov riparia	n water use	ers. Since	irian land ar 1914, new a natural stre	appropriato	rs have b	er. ( een	Gene requ	rally, ap ired to c	propr obtain	riative rig a permi	hts may t and lic	be exercense before	cised n the	only when State.
exception	ns T	he fili	ng of a stat	tement (1	) provides a	a record of	rian and pre water use, etermine if a	(2) enables	s the Stat	e to	notify	/ such u	sers i	if someo	ne prop	e section oses a ne	5100 ew ap	with specific propriation
We have	seve	ral pa	on is provid Imphlets av Water in C	vailable.	neral infor They includ	mation. Fo de: (1) Sta	r more spectements of \footnote{1}	cific inform Water Dive	ation cond rsion and	cern Use	ing w e, (2)	ater righ Informa	nts, pl	lease cor Pertaining	ntact an g to Wa	attorney ter Rights	or wr s in Ca	ite to this office alifornia, and
ST-SUPF	PL (1-	-051					Page 2	2 of 2		4								
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Attachment to Supplemental Statement of Water Diversion and Use 1993-1998

## Description of conservation of water efforts.

Drought restrictions were suspended in 1993. Water conservation activities were scaled back to normal, with focus being on prevention of water waste and customer-side leak detection. The City adopted a new water efficient landscape ordinance in compliance with Government Code section 65591 et seq. establishing regulations for landscape design and irrigation efficiency in new private and public development projects.

# State of California, State Water Resources Control Board Division of Water Rights P.O. Box 2000, Sacramento, CA 95812-2000 Info: (916) 341-5300, FAX: (916) 341-5400 Web: http://waterrights.ca.gov

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#### SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

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 $s^{002042}$ STATEMENT NO .: PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING CONTACT PHONE NO.: (831)420-5478 City of Santa Cruz 212 Locust Street Santa Cruz, CA 95060 Source Name: Laguna Creek Tributary To: Pacific Ocean Year of First Use: 1890 County: Santa Cruz Parcel Number: 062-10 Diversion Within: SW 1/4 of SW1/4 Section30, T108, R2WMDB&M Pre-1914 right X \_\_\_\_ Other (explain): Water is Used Under: Riparian claim \_\_\_\_ Year of First Use: (Please provide if missing above) Amount of Use: Enter the amount (or the approximate amount) of water used each month, using the table below. Million Gallons (MG) Other Amounts below are in: Gallons

Year
Jan
Feb Oct Nov Dec Total Mar Apr May June July Aug Sept Annual 286.658 
 17.759
 10.978
 37.779
 21.918
 24.691
 25.057

 0.113
 30.748
 58.104
 78.001
 89.785
 90.549
 27.770 45.990 31 305 1994 58.700 51.760 42.860 715 380 1995 705.750 54.529 52.426 43.530 17.036 47.023 41.290 27.382 50.651 68.722 98.922 112.132 1996 <u>Purpose of Use</u> – Specify number of acres irrigated, stock watered, persons served, etc. \_; Domestic \_\_\_\_\_ acres; Stockwatering \_ Other (specify) Municipal supply within the City of Santa Cruz service area <u>Changes in Method of Diversion</u> – Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.) Please answer only those questions below which are applicable to your project. Conservation of water Are you now employing water conservation efforts? YES \_X Describe any water conservation efforts you have initiated: \*See "Attachment to Supplemental Statement of Water Diversion and Use" If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved: Reduction in Diversions:

6.3 mg

6.3 mg

(AF/MG) Year

(AF/MG) Year

12.4 mg

12.4 mg

'96

(AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES X

(AF/MG) Year

(AF/MG) Year

Year '94

665 mg

665 mg

Reduction in consumptive use

	<b>2</b> .	vvali	er quality and wastewater resident attern	
		a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water poll a degree which unreasonably affects such water for other beneficial uses? YES X NO X	luted by waste to
		b.	If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of subsupply used:	pre-1914 estitute water
			Amount of reduced diversion: Year   94   122.94 mg   (AF/MG)   Year   95   122.94 mg   (AF/MG)   Year   96   125.68 mg   (AF/MG)	
			State the type of substitute water supply: reclaimed water	
			Amount of substitute water supply used: '95 122.94 mg (AF/MG) Year '94 122.94 mg (AF/MG) Year (AF/MG)	
			I have data to support the above surface water use reductions due to the use of a substitute water supply. YES NO	
	3.	Con	njunctive use of surface water and groundwater	<del></del> -
	<b>U</b> .	•	Are you now using groundwater in lieu of surface water? YES NO	
		b.	If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 10 Code, please show the amounts of groundwater used:	11.5 of the Water
			Year '94 169.07 mg (AF/MG) Year '95 90.00 mg (AF/MG) Year '96 54.70 mg (AF/MG)	
			I have data to support the above surface water use reductions due to the use of groundwater. YES X NO	
			and that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010	and 1011 is
	•		n the future.	
	I ded	clare	that the information in this report is true to the best of my knowledge and belief.	
	DAT	E: _	8 27 20 08 at <u>Santa Cruz</u>	, California
	SIG	NATU	URE: ONBOUL	
	PRII	NTED	D NAME: Bill Kocher	·
	•	-	(first name) (middle initial) (last name)	
	CON	/IPAN	NY NAME: City of Santa Cruz	
			If there is insufficient space for your answers, please use the space provided below.	
	ITEN	Л	CONTINUATION	
	F	••	All amounts are cumulative for all of the City's appropriative water rights and are claimed	
			as such for each of the rights, which function together to provide for the City water supply.	
		:		
		-		
			GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA There are two principal types of surface water rights in Californial, They are riparian and appropriative rights.	
A riparian	right	enal	ables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in	n the same
watershed the sever of a strea	d as t ed pa m bu	the w ircel. t∶may	vater source and must never have been severed from the sources of supply by an intervening parcel without reservation of the . Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to diverty y not be used to store water for later use or to diverty water which originates in a different watershed, water previously stored troundwater, or other "foreign" water to the natural stream system.	ne riparian right to ent the natural flow
			ght is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercise	ad only when
there is a	surp	lus no	iot needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the scan be granted to waters "foreign" to the natural stream system.	ne State.
exception	s. Th	ne fili	er Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 51 ing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new r diversions, and (3) assists the State to determine if additional water is available for future appropriators.	00 with specific appropriation
We have	seve	ral pa	ion is provided for general information. For more specific information concerning water rights, please contact an attorney or amphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in f Water in California.	write to this office California, and
ST-SUPP	L (1-	05)	Page 2 of 2	

# Attachment to Supplemental Statement of Water Diversion and Use 1993-1998

# Description of conservation of water efforts.

Drought restrictions were suspended in 1993. Water conservation activities were scaled back to normal, with focus being on prevention of water waste and customer-side leak detection. The City adopted a new water efficient landscape ordinance in compliance with Government Code section 65591 et seq. establishing regulations for landscape design and irrigation efficiency in new private and public development projects.

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S002042

s<sup>002042</sup> STATEMENT NO.: PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING CONTACT PHONE NO.: (831)420-5478 City of Santa Cruz 212 Locust Street Santa Cruz, CA 95060 Year of First Use: 1890
Parcel Number: 062-101-03 Source Name: Laguna Creek Tributary To: Pacific Ocean County: Santa Cruz Diversion Within: SW 1/4 of SW 1/4 Section 30, T10S, R2WMDB&MPre-1914 right X \_ Other (explain): Water is Used Under: Riparian claim Year of First Use: (Please provide if missing above) Amount of Use: Enter the amount (or the approximate amount) of water used each month, using the table below. C. Other Million Gallons (MG) Acre-feet (AF) Amounts below are in: Gallons Dec Total Feb May Nov Aug Sept Oct June Year Jan 32.721 35.638 64.826 45.868 38.393 1997 40.886 101.600 106.600 109.663 81.995 67.339 55.673 922.877 79.794 58.186 111.787 51.448 74.179 123.064 116.446 66.800 53.200 99.790 110.040 120.700 110.440 87.730 89.030 1998 65.760 49.380 39.810 35.170 37.638 876.458 Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc. \_; Domestic \_\_\_\_ acres; Stockwatering Other (specify) municipal supply within the City of Santa Cruz service area <u>Changes in Method of Diversion</u> – Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.) Please answer only those questions below which are applicable to your project. Are you now employing water conservation efforts? YES \_X Describe any water conservation efforts you have initiated: See "Attachment to Supplemental Statement of Water Diversion and Use" If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved: Reduction in Diversions: 32.4 mg 42.1 mg 21.6 mg '98 (AF/MG) (AF/MG) Year (AF/MG) Year Reduction in consumptive use: (AF/MG) Year 42.1 mg 32.4 mg 21.6 mg (AF/MG) Year I have data to support the above surface water use reductions due to conservation efforts. YES \_\_\_\_\_ NO

	2.		ater quality and wastewater reclamation	
		a.	Are you now or have you been using reclaimed water from a wastewater treatment facility, de a degree which unreasonably affects such water for other beneficial uses? YES X NO	esalination facility or water polluted by waste to
	٠	b.	If you are claiming credit due to the substitution of reclaimed water, desalinated water or pollu appropriative right under section 1010 of the Water Code, please show amounts of reduced d supply used:	uted water in lieu of a claimed pre-1914 diversions and∮amounts of substitute water
			Amount of reduced diversion: Year 97 109.1 mg (AF/MG) Year 154.71 mg (AF/MG) Year 99	181.12 mg (AF/MG)
			State the type of substitute water supply:	
			Amount of substitute water supply used: '98 154.71 mg (AF/MG) Year '97 109.1 mg (AF/MG) Year (AF/MG) Year	•
			I have data to support the above surface water use reductions due to the use of a substitute v	water supply. YES X NO
-	3.	Con	onjunctive use of surface water and groundwater	
		a.	Are you now using groundwater in lieu of surface water? YES X NO	
		b.	If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appro	•
			Year (AF/MG) Year 99.56 mg(AF/MG) Year	92.44 mg (AF/MG)
			I have data to support the above surface water use reductions due to the use of groundwater	
	l ur	ndersta	stand that it may be necessary to document the water savings claimed in "F" above if credit und	ler Water Code sections 1010 and 1011 is
		•	in the future.	:
	l de	eclare	e that the information in this report is true to the best of my knowledge and belief.	n Octobrania
	DA	TE: _	8/27 20 08 at Santa Cruz	, California
	SIG	SNAT	TURE: Bill Kocher	<del>-</del>
•	PR	INTE	EU NAME:	(last name)
	CO	MΡΔΙ	ANY NAME: City of Santa Cruz	· · · · · · · · · · · · · · · · · · ·
	00	,,,,,	If there is insufficient space for your answers, please use the space p	provided below.
	ITE	=NA	CONTINUATION	
	F	_IVI	All amounts are cumulative for all of the City's appropriative water rights and are c	claimed
		<del></del>	as such for each of the rights, which function together to provide for the City water	r supply.
				<del></del>
	_		GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN	CALIFORNIA
			There are two principal types of surface water rights in California. They are ripari	•
watershe the seve of a strea	ed as red p am b	the worked	nables an owner of land bordering a natural lake or stream to take and use water on his riparian water source and must never have been severed from the sources of supply by an intervening el. Generally, a riparian water user must share the water supply with other riparian users. Riparian not be used to store water for later use or to divert water which originates in a different water groundwater, or other "foreign" water to the natural stream system.	parcel without reservation of the riparian right to Irian rights may be used to divert the natural flow
there is a	a sur	plus n	right is required for use of water on non-riparian land and for storage of water. Generally, appronon not needed by riparian water users. Since 1914, new appropriators have been required to obtains can be granted to waters "foreign" to the natural stream system.	opriative rights may be exercised only when ain a permit and license from the State.
excentio	ne 1	The fil	ater Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set f filing of a statement (1) provides a record of water use, (2) enables the State to notify such user eir diversions, and (3) assists the State to determine if additional water is available for future ap	rs if someone proposes a new appropriation
We have	sev	eral p	ssion is provided for general information. For more specific information concerning water rights, pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information of Water in California.	, please contact an attorney or write to this office n Pertaining to Water Rights in California, and
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Attachment to Supplemental Statement of Water Diversion and Use 1999

## Description of conservation of water efforts.

The City continued to expand its water conservation activities in 1999 while completing work on the development of a 10-year water conservation plan. Activities included administration of water waste and landscape conservation ordinances, public information and school education programs, toilet rebate program, distribution system water audit, and development of a high efficiency clothes washer program. Over 3,500 toilets have been replaced under the rebate program since 1995 saving an estimated 35 million gallons of water per year.

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SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE
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Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 200\_

Owner of Record: City of Santa Cruz

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

STATEMENT NO .:

s<sup>002042</sup>

S002042 2000, 2001, 2002

CONTACT PHONE NO.:

(831)420-5478

City of Santa Cruz

		212 Locust Santa Cruz,												٠.
Source Na	mo.	Laguna Creek										1		50 -8 MIN:50
Fributary		Pacific Ocean					•						. 5	(2) S
County:		Santa Cruz							Y	ear of First	Use: <sup>1890</sup>	F.	1 4	
-	Within:	sw1/4 of	SW 1/4 S	ection30	T105 R	ZW MDPR	M		P	arcel Numb	er: 062-1	01-03	$Q_{ij} = \frac{1}{2}$	
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		is Used Und				D:- 404	X		Other (evals	in).		,	生	<b>1</b>
Α.	<u>Water</u>	is Used Und	<u>ler</u> : Riparia	an claim _		_ Pre-1914	right		Other (expla			<del></del>		
В.	Year o	f First Use: (	Please pro	ovide if mis	ssing abov	re)							المناسبة	S
										ina tha tak	de below		97	0
C.	Amou	nt of Use: E	nter the an	nount (or th	ne approx	imate amo			cn monur, us	ing the tat	de Delow.			
	Amour	nts below are	pelow are in: Gallons Million Gallons (MG) X						Acre-feet (AF)			Other		
	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
	0000	18.036	55.836	65.700	118.157	113.890	101.870	83.107	62.499	44.848	24.259	15,455	37.563	731.220
	2000		87.033	104.912		60.454	41.252	16.876	24.453	22.190	22.681	27.970	59.128	598.343
	2002		102.620		95.470	71.580	51.760	39.280	30.000	23.730	17.440	16.000	25.850	673.230
E.	Chang	on (specify) ges in Metho	d of Diver	sion – Des	scribe any	changes i	n your pro							<del></del>
F.	<u> </u>	answer only						project.			<del></del>	<del>- ;</del>	,	
		Conservation of Are you n Describe		ying water conservat	conservation efforts	ion efforts you have	? YES_ initiated: <u>*</u> S	See "Attachi	NO ment to Supp	lemental S	tatement o	of Water Di	version and	d Use"
														<del></del>
	b	. If you are show the	claiming c	redit for w water con	ater consesserved:	ervation un	der section	n 1011 of ti	he Water Co	de for your	claimed p	ore-1914 a	ppropriativ	ve right, please
		Reduction	n in Diversi	ions:										
					(AF/MG	Year _	1 73.7	mg	_(AF/MG) Y	ear <u>'02</u>	86.2 mg	(/	AF/MG)	

I have data to support the above surface water use reductions due to conservation efforts. YES X

\_\_(AF/MG) Year 101 73.7 mg \_\_\_(AF/MG) Year 102 86.2 mg

Reduction in consumptive use:

Year \_\_\_\_ 47.7 mg

2. W	ter quality and wastewater reclamation	the or water polluted by waste to
а	Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination factor a degree which unreasonably affects such water for other beneficial uses? YES X NO	reset a alaimed pre-1914
b	If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and supply used:	d amounts of substitute water
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3.	onjunctive use of surface water and groundwater	i
	Are you now using groundwater in lieu of surface water? YES X NO	under section 1011.5 of the Water
	the employee of arounded upou.	
	Code, please show the amounts of ground and	(AF/MG)
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	rstand that it may be necessary to document the water savings claimed in "F" above if credit under Water Co	de sections 1010 and 1011 is
l uno	rstand that it may be necessary to document the water savings claimed in the future.	1
	are that the information in this report is true to the best of my knowledge and belief.	
1 dec	8/27 - 120 C8 at Santa Cruz	, California
DA1	: 8 2 20 08 at	:
SIG	ATURE:	- <del> </del>
pDI	TED NAME: Hill Kocher (middle initial) (last name)	<del></del>
FRI	(first name)	• <b>4</b>
CO	PANY NAME: City of Santa Cruz	
	If there is insufficient space for your answers, please use the space provided be	lo <mark>w</mark> .
ITE	CONTINUATION	nd are claimed
F	CONTINUATION  All amounts are cumulative for all of the City's appropriative water rights are	1
	as such for each of the rights, which function together to provide for the Ci	ty water supply.
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		<u> </u>
	GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORI There are two principal types of surface water rights in California. They are riparian and ap	- Y-1
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An appropria	ve right is required for use of water on non-riparian land and for storage of water. Generally, appropriative ri lus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permitable on the granted to waters "foreign" to the natural stream system.	
Statements exceptions.	Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in With the filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if some the filing of a statement (1) provides a record of water use, (2) enables the State to determine if additional water is available for future appropriator	S.
The above	scussion is provided for general information. For more specific information concerning water rights, please co eral pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertainition of Water in California.	

Page 2 of 2

ST-SUPPL (1-05)

# Attachment to Supplemental Statement of Water Diversion and Use 2001-2005

## Description of conservation of water efforts.

The City of Santa Cruz is actively implementing a variety of water conservation measures as described in its 2000 Urban Water Management Plan. The City has adopted a comprehensive water conservation plan that identifies a series of 17 ongoing and planned water conservation programs intended to reduce customer demand for water by nearly 300 million gallons per year in 2010. In the period covered by this report, the City implemented the following water conservation best management practices: public information and school education programs, system water audits, residential plumbing fixture retrofit, water efficient landscaping regulations, water waste prohibition, conservation pricing, high efficiency washing machine rebate program, and residential/commercial ultra-low flow toilet replacement programs. In June 2001, the City became a signatory to the Memorandum of Understanding Regarding Urban Water Conservation in California and joined the California Urban Water Conservation Council.

# State of California, State Water Resources Control Board Division of Water Rights P.O. Box 2000, Sacramento, CA 95812-2000 Info: (916) 341-5300, FAX: (916) 341-5400 Web: <a href="http://waterrights.ca.gov">http://waterrights.ca.gov</a>

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information.

Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 200\_

Owner of Record: City of Santa Cruz

		PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING						STATEMENT NO.: CONTACT PHONE NO.:				<b>S<sup>002042</sup></b> (831)420-5478			
		21	2 Locust S	Street						i			•		
Source Na	ame:	Lagun	a Creek												
Tributary	To:	Pacific	Ocean												() ·
County:		Santa	Cruz							Ye	ear of First	Use: 1890			A
Diversion	CONTACT PHONE NO.: (831)420-5478  City of Sinta Cruz 212 Locurd Street Sana Cruz (A 95090  Natice Name: Lagrina Creek Bultary To: Padic Ocean Surrey: Sana Cruz (A 95090  A. Water is Used Under: Riparian claim Pre-1914 right Pre-1914 right Other (explain):  B. Year of First Use: (Please provide if missing above)  C. Amount of Use: Enter the amount (or the approximate amount) of water used each month, using the table below.  Amounts below are in: Gallons Million Gallons (MG)  Year June Vear Ju														
					<b>.</b>			×		Other desired	.:		S. C.	1 1 23 C	o Fig.
Α.	Wate	r is Us	ed Und	<u>er</u> : Riparia	an claim _		_ Pre-1914	right		Other (expla	urr):				
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E.	Chan (New	ges in pump,	Method enlarge	d of Diversion	<u>sion</u> – Des n dam, loc	scribe any ation of di	changes i version, et	n your proj c.)	ect since ye	our previous	statement	was filed.	<del> </del>		
F.	Pleas	e answ	er only	those que	stions belo	ow which a	are applica	ble to you	project.						
	a. Are you now employing water conservation efforts? YES NO Describe any water conservation efforts you have initiated: See "Attachment to Supplemental Statement of Water Diversion and Use"  b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right										I Use"_				
											opropriativ	e right, please			
			'03			_ (AF/MG	) Year	4 125.	70 mg	(AF/MG) Yo	ear <u>'05</u>	158.40	mg (A	AF/MG)	
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I have data to support the above surface water use reductions due to conservation efforts. YES X

2.	Wate	er quality and wastewater reclamation	s with accurator polluted by waste to
۵.	a.	Are you now or have you been using reclaimed water from a wastewater tree.	atment facility, desalination facility or water political by waste to YES X NO
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	b.	the support of signing credit due to the substitution of groundwater for a claim	ed pre-1914 appropriative right under section 19 1 10 2
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		stand that it may be necessary to document the water savings claimed in "F"	above if credit under Water Code sections 1010 and 1011 is
51	auaht	in the tuture.	A h
1	decla	re that the information in this report is true to the best of my knowledge and b	elief. મોર્ડ , California
	ATE	Santa Cruz	, Camorna
9	SIGNA	ATURE: OVOCILE	45
		Bill Kocher	(last name)
r	-KIN	(first name) (middle initial)  City of Santa Cruz	
(	COM	PANY NAME:  If there is insufficient space for your answers, plea	ase use the space provided below.
	ITEM	CONTINUATION  All amounts are cumulative for all of the City's app	propriative water rights and are claimed
!	F	as such for each of the rights, which function toge	ther to provide for the City water supply.
		as such for each of the figure,	
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		GENERAL INFORMATION PERTAINING TO	MATER RIGHTS IN CALIFORNIA
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ershe sever strea vs fror	d as t red pa am bu m use	enables an owner of land bordering a natural lake or stream to take and use he water source and must never have been severed from the sources of supporcel. Generally, a riparian water user must share the water supply with other that may not be used to store water for later use or to divert water which originate of groundwater, or other "foreign" water to the natural stream system.	water on his riparian land. Riparian land must be in the same ply by an intervening parcel without reservation of the riparian right riparian users. Riparian rights may be used to divert the natural fles in a different watershed, water previously stored by others, return the control of the reserved only when
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. 4	atorof	Water Diversion and Use must be filed by riparian and pre-1914 appropriative the filing of a statement (1) provides a record of water use, (2) enables the State the diversions, and (3) assists the State to determine if additional water is a	e water users as set forth in Water Code section 5100 with specific ate to notify such users if someone proposes a new appropriation available for future appropriators.
strean	n fron	their diversions, and (3) assists the state to document a series	processing water rights, please contact an attorney or write to this of

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

ST-SUPPL (1-05)

2. Water quality and wastewater reclamation

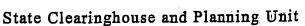
# Attachment to Supplemental Statement of Water Diversion and Use 2001-2005

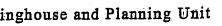
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# STATE OF CALIFORNIA Governor's Office of Planning and Research







Jan Boel **Acting Director** 

2004 JUL 17 TOH2: 32

**Notice of Preparation** 

3002042

June 14, 2004

To:

Reviewing Agencies

Re:

North Coast Water Supply System Rehabilitation Project

SCH# 2004062073

Attached for your review and comment is the Notice of Preparation (NOP) for the North Coast Water Supply System Rehabilitation Project draft Environmental Impact Report (EIR).

Responsible agencies must transmit their comments on the scope and content of the NOP, focusing on specific information related to their own statutory responsibility, within 30 days of receipt of the NOP from the Lead Agency This is a courtesy notice provided by the State Clearinghouse with a reminder for you to comment in a timely manner. We encourage other agencies to also respond to this notice and express their concerns early in the environmental review process.

Please direct your comments to:

Linette Almond City of Santa Cruz 809 Center Street, Room 102 Santa Cruz, CA 95060

with a copy to the State Clearinghouse in the Office of Planning and Research. Please refer to the SCH number noted above in all correspondence concerning this project.

If you have any questions about the environmental document review process, please call the State Clearinghouse at (916) 445-0613.

Sincerely,

Scott Morgan

Project Analyst, State Clearinghouse

Attachments cc: Lead Agency

1400 TENTH STREET P.O. BOX 3044 SACRAMENTO, CALIFORNIA 95812-3044 TEL (916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov



# **Document Details Report** State Clearinghouse Data Bas

SCH#

2004062073

Project Title

North Coast Water Supply System Rehabilitation Project

Lead Agency

Santa Cruz, City of

Type

NOP Notice of Preparation

Description

This project will restore, replace, rehabilitate, and/or relocate approximately 18 miles of deteriorated

pipeline and several raw water diversions.

**Lead Agency Contact** 

Name Agency

Linette Almond City of Santa Cruz

Phone 831-420-5200

email

Address

809 Center Street, Room 102

Santa Cruz City

Fax

State CA Zip 95060

**Project Location** 

County

Santa Cruz

Santa Cruz City

Region

Cross Streets varies

Parcel No.

Township

Range

Section

Base

**Proximity to:** 

Highways

**Airports** 

Railways

UPRR, Big Trees San Lorenzo River; various streams and springs

Waterways Schools

Land Use

varies; the existing and proposed system is located in rural coastal areas and the urban areas of the

City of Santa Cruz.

Project Issues

Wildlife; Wetland/Riparian; Water Quality; Vegetation; Traffic/Circulation; Toxic/Ḥazardous; Soil Erosion/Compaction/Grading; Recreation/Parks; Public Services; Noise; Landuse; Growth Inducing;

Geologic/Seismic; Coastal Zone; Air Quality; Archaeologic-Historic; Agricultural Land; Aesthetic/Visual

Reviewing Agencies

Resources Agency; Regional Water Quality Control Board, Region 3; Department of Parks and Recreation; Native American Heritage Commission; California Coastal Commission; Office of Historic

Preservation; Department of Water Resources; Department of Fish and Game, Region 3; Department of Health Services; State Lands Commission; Caltrans, District 5; State Water Resources Control

Board

Date Received

06/14/2004

Start of Review 06/14/2004

End of Review 07/13/2004

Note: Blanks in data fields result from insufficient information provided by lead agency.

NOP Distribution List		County: Santa Cru	/ZSCH	2004062073
Resources Agency	Dept. of Fish & Game 3 Robert Floerke Region 3	Public Utilities Commission Ken Lewis	Dept. of Transportation 8 John Pagano District 8	Regional Water Quality Control Board (RWQCB)
Resources Agency Nadell Gayou  Dept. of Boating & Waterways	Dept. of Fish & Game 4 William Laudermilk Region 4	State Lands Commission Jean Sarino  Tahoe Regional Planning	Dept. of Transportation 9 Gayle Rosander District 9	RWQCB 1 Cathleen Hudson
	Dept. of Fish & Game 5 Don Chadwick Region 5, Habitat Conservation	Agency (TRPA) Cherry Jacques	Dept. of Transportation 10 Tom Dumas District 10	North Coast Region (1)  RWQCB 2 Environmental Document
Elizabeth A. Fuchs  Colorado River Board  Gerald R. Zimmerman	Program  Dept. of Fish & Game 6 Gabrina Gatchel	Business, Trans & Housing Caltrans - Division of Aeronautics	Dept. of Transportation 11 Mario Orso District 11	Coordinator San Francisco Bay Region (2)  RWQCB 3
Dept. of Conservation Roseanne Taylor	Region 6, Habitat Conservation Program  Dept. of Fish & Game 6 I/M	Sandy Hesnard  Caltrans - Planning Terri Pencovic	Dept. of Transportation 12 Bob Joseph District 12	Central Coast Region (3)  RWQCB 4  Jonathan Bishop
California Energy Commission Environmental Office	Tammy Allen Region 6, Inyo/Mono, Habitat Conservation Program Dept. of Fish & Game M	California Highway Patrol John Olejnik Office of Special Projects	Cal EPA	Los Angeles Region (4)  RWQCB 5S  Central Valley Region (5)
Dept. of Forestry & Fire Protection Allen Robertson  Office of Historic	George Isaac Marine Region	Housing & Community Development Cathy Creswell	Air Resources Board Airport Projects Jim Lemer	RWQCB 5F Central Valley Region (5) Fresno Branch Office
Preservation Hans Kreutzberg  Dept of Parks & Recreation	ner Departments  Food & Agriculture  Steve Shaffer	Housing Policy Division  Dept. of Transportation	Transportation Projects Kurt Karperos	RWQCB 5R Central Valley Region (5) Redding Branch Office
B. Noah Tilghman Environmental Stewardship Section	Dept. of Food and Agriculture  Dept. of General Services Robert Sleppy	Dept. of Transportation 1. Mike Eagan	Industrial Projects Mike Tollstrup	RWQCB 6 Lahontan Region (6) RWQCB 6V
Reclamation Board DeeDee Jones  Santa Monica Mountains	Wayne Hubbard	District 1  Dept. of Transportation 2  Don Anderson	California integrated Waste Management Board Sue O'Leary  State Water Resources Control	Lahontan Region (6) Victorville Branch Office RWQCB 7
Conservancy Paul Edelman	Dept. of Health/Drinking Water    Page	District 2  Dept. of Transportation 3  Jeff Pulverman	Board Jim Hockenberry Division of Financial Assistance	Colorado River Basin Region (7)  RWQCB 8 Santa Ana Region (8)
	mmissions,Boards  Delta Protection Commission	District 3  Dept. of Transportation 4  Tim Sable	State Water Resources Control Board	RWQCB 9 San Diego Region (9)
Resources Agency Nadell Gayou	Debby Eddy	District 4  Dept. of Transportation 5 David Murray	Student Intern, 401 Water Quality Certification Unit Division of Water Quality  State Water Resouces Control Boar	
Fish and Game  Dept. of Fish & Game Scott Flint	Governor's Office of Planning & Research State Clearinghouse	District 5  Dept. of Transportation 6  Marc Birnbaum	State Water Resources Control Boar Steven Herrera Division of Water Rights  Dept. of Toxic Substances Control	
Environmental Services Division  Dept. of Fish & Game 1  Donald Koch  Region 1		District 6  Dept. of Transportation 7 Cheryl J. Powell	CEQA Tracking Center	Last Updated on 05/21/04
Dept. of Fish & Game 2 Banky Curtis Region 2	Native American Heritage Comm. Debbie Treadway	District 7	•	



# WATER DEPART MENT 809 Center Street, Room 102, Santa Cruz, CA 95060 • (831) 420-5200 • Fax (831) 420-5201

DATE:

June 9, 2004

TO:

Interested Parties

FROM: City of Santa Cruz

Water Department

Santa Cruz, California

SUBJECT:

Notice of Preparation of a Program Environmental Impact Report

PROJECT TITLE:

North Coast System Rehabilitation Project

PROJECT APPLICANT: City of Santa Cruz

The City of Santa Cruz will be the lead agency and will prepare a program environmental impact report (PEIR) for the project identified below. We would appreciate your agency's input on the appropriate scope and content of the PEIR with respect to your statutory responsibilities in connection with the proposed project. As part of your response, please provide the following information:

- The name, title, address, phone number, and e-mail address of the contact person to whom project correspondence should be directed;
- The types of permits or approvals that your agency may require, including applicable code sections and a summary of typical requirements; and
- The significant environmental issues and reasonable alternatives and mitigation measures that will need to be included in the PEIR to allow your agency to issue such approvals (CEQA Guidelines §15082[b][1][A]).

Due to the time limits mandated by state law, your response must be sent at the earliest possible date but not later than 30 days after you receive this notice. Please forward your formal responses/comments to:

> City of Santa Cruz 809 Center Street, Room 102 Santa Cruz, California 95060 Attn: Ms. Linette Almond Phone: (831) 420-5200 (831) 420-5201 Fax:

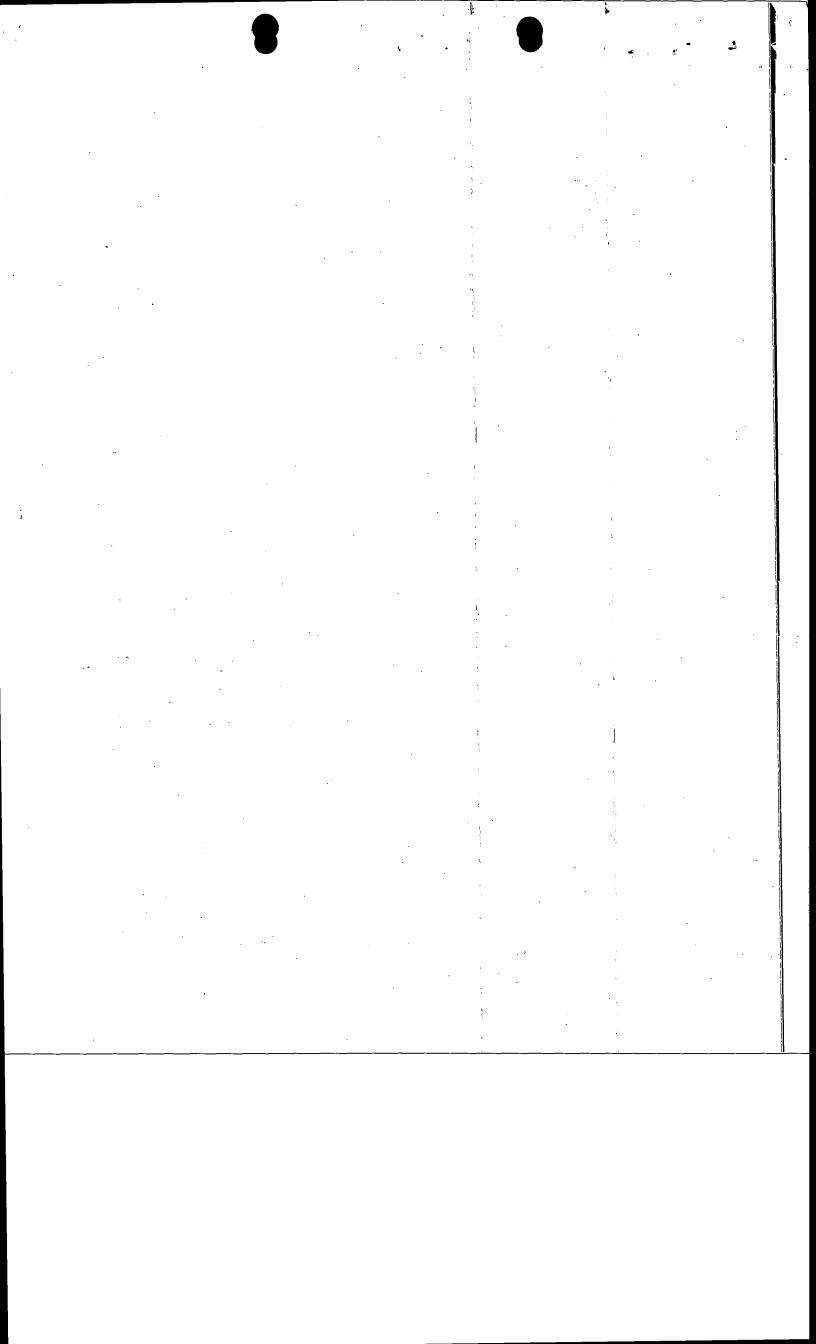
Documents related to this proposed project are also available for review at the City of Santa Cruz offices at the address listed above.

In addition, a PUBLIC SCOPING MEETING on the EIR will be held June 24, 2004 at 7:00 p.m. in the Planning Department Conference Room, 1st Floor City Hall Annex, at 809 Center Street.

#### Enclosures:

Project Information

General Project Location Map



#### PROJECT INFORMATION

## Notice of Preparation for the North Coast System Rehabilitation Project Program EIR

#### Project Location

The proposed project is in northern Santa Cruz County, primarily north of the City of Santa Cruz. Project activities would occur both within the City of Santa Cruz and the County of Santa Cruz.

#### Project Description

The Santa Cruz Water Department (SCWD) has operated and maintained the 18-mile long North Coast System (NCS) since the 1880s. The North Coast diversion water rights were acquired by the City prior to 1914 and enable the City to divert flow year round. The system relies entirely on rainfall runoff and groundwater infiltration to furnish approximately 30 percent of SCWD's overall water production. The diversion structures on its three coastal streams range in age from approximately 80 years, to over 120 years. Over half of the approximately 18 miles of conveyance pipeline is over 40 years old. As a result, limitations of the existing pipeline system include:

## Pipeline System Limitations

- Age/Condition The age of the pipelines has resulted in deterioration of pipe materials, resulting in increased frequency of leaks and need of emergency repairs.
- <u>Hydraulic Constraints</u> Hydraulic constraints on the Majors Reach limit the diversion capacity during certain operating conditions.
- Access Constraints Limited access to many of the pipeline reaches has resulted in increased maintenance requirements, potential damage to the environment, and in some cases, more costly and complicated repairs.

#### **Diversion Structure Limitations**

- <u>Sediment Accumulation</u> The original design of the diversion structures does not provide sufficient sediment flushing/transport capabilities, resulting in a buildup of rock, sand, and debris.
- <u>Lack of Remote Operating and Monitoring Capability</u> The original design and current configuration of the diversion structures does not provide remote operation and monitoring capability at Reggiardo, Laguna, and Majors Diversions.
- <u>Structural Integrity</u> Despite their age, the main structural elements of the diversion structures are in generally good condition, except for minimal damage at the end wall abutments. Modifications are necessary for the structures to remain operational into the future.

In order to maintain the NCS as a reliable delivery system of water into the future, the City of Santa Cruz Water Department is proposing to implement a long-term rehabilitation and replacement program for the North Coast pipelines and diversions. The program would be implemented over a period of 10 to 20 years. Much of the proposed pipeline replacement as well as the proposed rehabilitation work to the diversion facilities would not require substantial changes in operations and maintenance (O&M) from baseline activities conducted for the existing pipeline. Additionally, the proposed project would not result in an increase in system capacity.

The NCS includes five distinct pipeline reaches (Liddell, Laguna, Laguna/Liddell, Majors and the North Coast Pipeline Reach (NCP Reach). The system extends above ground and underground through developed and un-developed areas, and traverses along or beneath roadways. The purpose of the NCS is to divert flow from the creeks in the upper watersheds via three feeder pipelines (Liddell, Laguna, and Majors) that connect to the NCP Reach for delivery to the Graham Hill Water Treatment Plant. The water is then distributed to service area customers.

The City of Santa Cruz maintains an 8- to 10- foot ROW along the existing pipeline route in most areas. Some portions of the pipeline are adjacent to existing structures, (such as private yards or residences) and access roads. The 18-mile NCS includes:

- Approximately 5.5 miles of the system is located within developed areas (mountain residential and City of Santa Cruz);
- Approximately 1.5 miles of the system extends beneath city surface streets from the Meder Street extension to High Street;
- Approximately 4 miles of the system runs along Highway 1 from Laguna Creek on the west to Wilder Ranch State Park entrance on the east (Jones & Stokes, 2000).
- The remaining 12.5 miles of the system runs through undeveloped areas (Coast Dairies and Wilder Ranch State Park).

Details of the pipeline facilities are provided in Table 1.

Table 1.
Summary of Existing North Coast System Facilities

Pipeline Reach	Total Pipeline Length (Linear Ft.)	Pipeline Below Ground (Linear Ft)*	Percent Below Ground*	Feet of Pipeline Above Ground (Linear Ft)*	Percen t Above Groun d*
Liddell	10,000	9,900	99 🖔	100	1
Laguna/Lidde ll	5,900	5,310	<b>90</b>	590	10
Laguna	13,000	5,850	45	7,150	55
Majors	11,000	2,750	25	8,250	75
NCP	42,250	39,825	90	4,425	10

Rehabilitation work on the NCS would include replacement of the supply pipelines and rehabilitation of the diversion structures. The pipeline replacement work would include replacement of the pipelines in their current alignments or the construction of new alternative alignments, designed to avoid sensitive habitats, for example potentially sensitive riparian areas. Due to the size of the NCS and funding limitations, work on each of the five pipeline reaches would likely occur independent of each other and could include a mix of existing

and new alignments. It is also possible that the pipeline routing may require a change from the present "gravity-flow" system to a "pumped" system for the Laguna or Majors reaches.

Under the proposed project, rehabilitation of the 120-year old diversion structures also would occur. Modifications to these structures, which are located above the anadromous reaches of the creeks, would include the installation of a cofferdam and a temporary bypass system, dewatering, earthwork, reinforced concrete demolition and construction, metal work fabrication and installation, stone protection, and miscellaneous electrical and mechanical services, including a pneumatically operated spillway gate. This work will enable the diversion structures to facilitate passage of suspended sediment and bed load downstream in a more natural manner, minimizing the need for manual clearing of these materials.

Alternative pipeline routes have been identified and evaluated to determine whether they would provide the following:

- A more efficient means of pipeline replacement;
- A more environmentally sound method of replacement;
- More efficient access for future maintenance and repair of the pipeline; and
- Equally or more efficient transport of raw water from the diversions to the Coast Pump Station (CPS).

Locations of the pipelines (existing and alternate alignments) and diversion structures are shown on Figure 1. The final project would likely consist of a mix of both existing and alternate pipeline alignments. Pipeline alignments would be within existing or newly acquired city owned rights-of-ways.

<u>Cultural Resources</u>. The PEIR will evaluate the potential for excavation, grading, or project operation to disturb identified or previously unidentified prehistoric and cultural resources in the area.

<u>Aesthetics</u>. The project area is largely rural. The PEIR will evaluate potential impacts to visual resources resulting from the replacement of project facilities, especially in areas known to possess scenic vistas and recreation opportunities. The PEIR also will evaluate potential impacts to viewsheds from both construction and operation and maintenance activities.

<u>Air Quality</u>. The PEIR will evaluate potential impacts to air quality from project construction and operation and maintenance activities.

Noise. The PEIR will evaluate the effects of increases in noise levels that could result from project-related traffic and any other significant noise sources associated with project operation and maintenance activities.

Hazardous Materials. The PEIR will evaluate the history of known hazardous materials used in the project area, specifically within the City of Santa Cruz. Short-term hazardous materials issues associated with project construction will also be considered.

<u>Traffic</u>: The PEIR will evaluate potential impacts to traffic and circulation from project construction and operation, including potential, temporary street closures in residential neighborhoods located in the City of Santa Cruz.

<u>Public Services and Utilities.</u> The PEIR will evaluate potential impacts to public services and utilities from project construction and operation and maintenance activities, including any disruption of water supplies.

<u>Cumulative and Growth Inducing Impacts</u>: The PEIR will examine the cumulative impacts of developing probable future projects in the area. This section will include a program-level cumulative analysis of the effects that may occur if the proposed system rehabilitation project is implemented within the projected 10 to 20-year time frame. The potential for growth-inducing impacts from the project also will be evaluated.

#### Alternatives

The proposed rehabilitation program is intended to evaluate options for the replacement of the aging pipeline and rehabilitation of the diversion structures to ensure a safe, efficient, and reliable supply of water for the City of Santa Cruz. No additional pipeline capacity would result from the proposed project and no new pipeline facilities would be constructed. As a result, project alternatives associated with each of the five pipeline reaches (with the exception of Majors) will include the following:

- No Project Alternative
- Existing Alignment Alternative
- Alternate Alignment Alternative

The Majors Reach will include a second "alternate" alternative. The three diversion structures will include both "No Project" and "Rehabilitation" alternatives. The various pipeline reach alternatives are further described below.

- Liddell Reach -Existing Alignment Alternative-The Liddell Reach Existing Alignment would replace the existing riveted and welded steel pipeline with 10- to 12-inch inside diameter (id) HDPE pipe within the existing ROW.
- Liddell Alternative-The proposed alternative for the Liddell Reach addresses a short segment of the pipeline from the spring box to the point where the pipeline enters the canyon bottom. From this point (1,522 feet) to the "Y," this alternative is identical to the existing Liddell alignment described above. This alternative would require additional new easement to implement.
- Reggiardo Reach -Existing Alignment Alternative-The proposed Reggiardo Reach Existing Alignment would replace the existing riveted steel, 8-inch pipeline with 8-inch (id). HDPE pipe along the existing alignment with no deviations from the existing ROW.
- Laguna Reach Existing Alignment Alternative -The proposed Laguna Reach Existing Alignment would replace the existing riveted and welded steel pipeline with 12 to 16 inch (id) HDPE pipe along the existing alignment with no significant deviations from the existing ROW.
- Laguna Alternative-The Laguna Reach alternative was conceived to provide a pipeline route that would run outside of the Laguna Creek canyon and reduce the number of stream crossings required. The alternative includes the installation of a pump station at the Laguna Diversion site to pump the water up to the ridgeline north of Laguna Creek, along the ridgeline and down to the "Y".
- Laguna/ Liddell Reach-Existing Alignment Alternative-This alternative would run from the "Y" through the lower Laguna watershed to the beginning of the NCP Reach at Highway 1. This reach of riveted and welded steel pipeline would be replaced with 12 to 16 inch (id) HDPE pipe. The proposed Project would replace the pipeline within the existing ROW with only minor deviations.
- Laguna/ Liddell Alternative-The Laguna/ Liddell Reach Alternative would run from the relocated "Y" on the western side of "Y" Creek along the access road to the beginning of the NCP Reach. The pipeline would be constructed entirely from 12 to 16 inch (id) HDPE.
- Majors Creek Reach-Existing Alignment Alternative-The proposed Majors Creek Existing Alignment (MAJ) would replace the riveted and welded steel, and HDPE pipeline with 12 to 16 inch (id) HDPE pipe within the existing ROW from the Majors Creek Diversion intake to the confluence with the NCP Reach near Highway 1.
- Majors Reach-Alternative 1 (Ridge Top Alternative) -This alternative was conceived to reduce the extent of the pipeline construction on steep forested slopes, eliminate the cliff boring, provide greater ease of construction, and access for maintenance. This alternative would include the construction of a pump station at the Majors Creek Diversion that would lift the water up to the ridgeline on the southern side of the canyon. The pipeline would be above ground from the pump station to the top of the canyon ridgeline, then would transition to below ground and continue along south ridgeline along the top of the bluff, rejoining the existing ROW in the first tier marine terrace south of the cliff boring.

Majors Reach-Alternative 2 (Road Alternative)-This alternative was conceived for two reasons. First, similar to Majors Alternative 1, this alternative would reduce the extent of pipeline construction on steep forested slopes, it would eliminate cliff borings, and it would provide for greater ease of operation and

maintenance. Similar to the Ridge Top Alternative, this alternative would include construction of a new pump station at the Majors Creek Diversion. The pump station would provide operating pressure to "lift" the water from the diversion to the top of the ridgeline via a pipeline route that follows the existing access road. In addition, this alternative would minimize construction in the open coastal plain area.

- North Coast Pipeline Reach (NCP)-The existing NCP Reach's riveted and welded steel pipeline would be replaced with 16 to 24 inch (id) welded steel pipe in most areas. The pipeline would be replaced within the existing ROW with minor deviations. The NCP Reach runs from the end of the Laguna/Liddell Reach to the CPS. It is anticipated that the existing pipeline segment that extends from approximately High Street to the CPS would be constructed in an alternate ROW because it currently passes through numerous private properties, in very close proximity to residential homes and commercial buildings. These structures were built after the pipeline was constructed and construction in this area would result in major disruptions. Instead, this segment would follow nearby city streets and would likely be combined with other similar, previously planned projects in the area.
- NCP Reach Alternative-The NCP Reach alternate alignment was conceived to eliminate replacement of the pipeline through the residential neighborhood northeast of High Street; the steeply forested drop down to and through Harvey West Park; passage through the industrial/commercial area north of Harvey West Park; the creek crossing at Pogonip Creek; and the railroad crossing at Golf Club Drive. This alternative alignment would continue down High Street to the dead end at Highway 1. The pipeline would then run along the bike path from High Street to Evergreen Street, then run northeast along Coral Street to River Street. From here, the pipeline would turn north and proceed north on River Street to the CPS. The NCP Alternative is identical to the NCP existing alignment from p.d. 0 to 38,000 feet.

# TE WATER RESOURCES CONTROL BOARD DIVISION OF WATER RIGHTS P.O. BOX 2000, SACRAMENTO, CA 95812-2000 (916) 657-2170

## SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information. Notify this office if ownership or address changes occur during the coming year.

## PLEASE COMPLETE AND RETURN THIS FORM BY JULY 1, 1999

OWNER OF RECORD: CITY OF SANTA CRUZ

CITY OF SANTA CRUZ WATER DEPT - ROOM 102 809 CENTER ST SANTA CRUZ, CA 95060

SOURCE: LAGUNA CREEK

TRIBUTARY TO: PACIFIC OCEAN COUNTY: SANTA CRUZ

DIVERSION

STATEMENT NO: S002042

TELEPHONE NUMBER:

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SUP-STATE (12-98)

# STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER RIGHTS P.O. BOX 2000, SACRAMENTO, CA 95812-2000

(916) 657-2170

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SUP-STATE (12-98)

. 8 R RESOURCES CONTROL BOARD, DIVISION OF TER RIGHTS P.O. BOX 2000, SACRAMENTO, CA 95812-2000 (916) 657-2170

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## PLEASE COMPLETE AND RETURN THIS FORM BY JULY 1, 1997

OWNER OF RECORD: CITY OF SANTA CRUZ

BILL KOCHER 809 CENTER STREET, ROOM 102 SANTA CRUZ, CA 95060

SOURCE: LAGUNA CREEK

TRIBUTARY TO: PACIFIC OCEAN COUNTY: SANTA CRUZ

DIVERSION

CHIL OF SHIN SECTION 30, T10S, R2W, MB&M.

STATEMENT NO: S002042

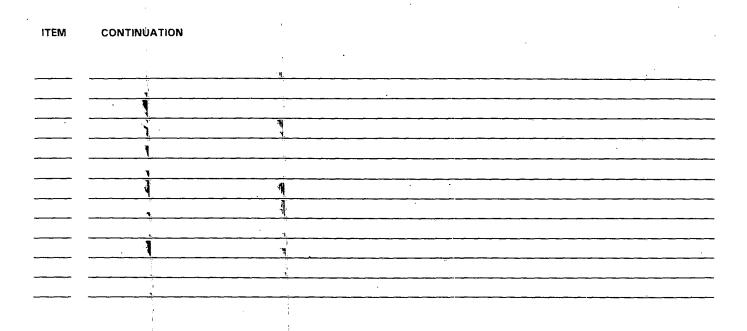
TELEPHONE NUMBER:

(408) 429-3670 YEAR OF FIRST USE: 1890 PARCEL NO:

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See back of page for General Information. If there is insufficient space for your answers, please number them in the space provided on the back of this form.

WR 40-1



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"Statements of Water Diversion and Use"

"Information Pertaining to Water Rights in California" Water Rights for Stockponds Constructed Prior to 1969"

"Appropriation of Water in California"

TATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER RIGHTS
P.O. Box 2000
Sacramento, CA 95812-2000

# STATEMENT OF WATER DIVERSION AND USE INFORMATION SHEET

DIVERSION SITE:	
OWNER'S NAME City of Santa Cruz	1
PARCEL NO. 62-101-03 (MIDDLE)	(LAST)
PLACE OF USE: OWNER'S NAME City of Santa Cruz; City of Capitola	1
(FIRST) (MIDDLE)	(LAST)
1. PARCEL NO. various	1
2. PARCEL NO.	
	•
3. PARCEL NO.	
PERSON OR FIRM TO RECEIVE ALL CORRESPONDENCE AND SU	UPPLEMENTAL
STATEMENTS:	
OWNER/LESSEE/AGENT/OTHER City of Santa Cruz Water	
NAME Bill Koche	<u> </u>
(FIRST) (MIDDLE)	E. (LAST)
MAILING ADDRESS 809 Center Street, Room 102	
Santa_CruzCA	95060
(CITY) (STATE)  TELEPHONE NO. (408 ) 429 _ 3670	(ZIP)
TELEPHONE NO. (408) 429 - 3670	· · · · · · · · · · · · · · · · · · ·
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OTHERS USING ABOVE DIVERSION LOCATION:	
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## PLEASE COMPLETE, SUBILITHE ORIGINAL AND MAKE A POPY FOR YOUR RECORDS 12-14-95

## STATE WATER RESOURCES CONTROL BOARD **DIVISION OF WATER RIGHTS**

P.O. BOX 2000 SACRAMENTO, CA 95812-2000

# SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

STATEMENT NO: S002042 OWNER OF RECORD: CITY OF SANTA CRUZ

CITY OF SANTA CRUZ 809 CENTER ST ROOM 102 SANTA CRUZ, CA 95060

SOURCE: LAGUNA CREEK

TRIBUTARY TO: PACIFIC OCEAN COUNTY: SANTA CRUZ

DIVERSION

WITHIN: SW% OF SW% SECTION 30, T10S, R2W, MDB&M.

TELEPHONE NUMBER:

(408) 429-3670 YEAR OF FIRST USE: 1890

PARCEL NO:

(If any of the above information is inaccurate or missing, please correct. Notify this office if ownership or address changes occur during the coming year.)

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WR40-1 (1/95)

### PLEASE COMPLETE, SUBMIT THE ORIGINAL AND MAKE A COPY FOR YOUR RECORDS E. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.) NO CHANGE If part of the water listed in Part C consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below. I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief. DATED: \_ . California SIGNATURE: PRINTED NAMÈ: (M. NAME) (FIRST NAME) COMPANY NAME: SANTA CRUZ WATER DEPARTMENT CITY OF

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# STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER RIGHTS

P.O. BOX 2000 SACRAMENTO, CA 95812-2000 (916) 657-1875

### SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER OF RECORD:

STATEMENT NO: 002042

CITY OF SANTA CRUZ P O BOX 682 SANTA CRUZ, CA 95061

TELE>HONE NUMBER: (433) 429-3670

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE GORRECT.

SOURCE: LAGUNA CREEK

TRIBUTARY TO: PACIFIC OCEAN

COUNTY: SANTA CRUZ

YEAR OF FIRST USE: 1890

DIVERSION

WITHIN: SW1/4 OF SW1/4 SECTION 30, T135, RO2W, MDB&M.

Amoi	own, cned unts belo	ck the mo	onths in □ Gall			s used. cre-feet	Σ	g (other)	MILL	ION GA	LLONS	
JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	ОСТ.	NOV.	DEC.	TOT ANN
17.83	322.350	2.664	30.162	25.473	37,922	28,281	26.873	20.035	15,121	14.41	8 7.75	248
14.16	7.846	24.312	32.683	30.294	29.678	29.348	22.932	20.903	19.142	23.21	8,77	263
2.33	12.545	45.498	79.834	65.238	58.762	55.587	42.81	33,8	26.158	17.57	12.72	452
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was	anges in last filed. (N	lew pum	of Divers p, enlarç	ged dive	rsion da	m, locati	on of div	ersion,	etc.)		SACRAMEN	MAR 29
NO.	art of the	es vater lis	sted in P	art C co	nsists of	reclaim	ed or po	/ersion,	etc.)		SACRAMENTO	MAR 29 PH 2: (

1993

#### GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, or return flows from use of groundwater.

An appropriate right is required for use of water on nonriparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914 new appropriators have been required to obtain a permit and license from the State.

Statements of water Diversion and Use must be filed by riparian and pre-1914 appropriative water users. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversion, and (3) assists the State to determine if additional water is available for future appropriators.

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<sup>&</sup>quot;Appropriation of Water in California"

#### STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD Division of Water Rights

# P.O. BOX 2000 SACRAMENTO, CA 95812-2000 901 P ST. SACRAMENTO, CA 95814 (916) 322-4503 GURCES SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

1991 FEB 20 AM 8:05

DIVERTER OF RECORD:

3001

DIV. OF WARRIGHTS SACRAMENTO

STATEMENT NO: 002042

CITY OF SANTA CRUZ P 0 BOX 682 SANTA CRUZ, CA 95061

TELEPHONE NUMBER: (408) 429-3670

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: LAGUNA CREEK

TRIBUTARY TO: PACIFIC OCEAN

		COUNTY	: SAN	TA CR	UZ							1			
	DI	VERSION WITHIN		/4 OF	SW1/	4 SEC	TION	30, T	105,	RO 2W,	MD8&	M .			
all	or pa	art of y	our re	egular	water	supply	with	reclain	ned o	r polit	uted w	vater.	RETUR	u replaced N his form.	
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•	l declare	under penalty	of perjury	that the in	formation	in this rep	ort is true	to the bes	t of my kn	owledge an	d belief.		·		-
	DATED:	FEB	13		, 19	<u>91</u> .	at	SANT	A CR	1/2				, California	
\A/E	1 AO-1 (2/90)						Signat	ure:	100	DCC.	lu	<u> </u>	<b></b>		

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# May 1999 Mar 1991 Mar

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Barrier at 18 Comment of the

# STATE OF CALIFORNIA THE RESOURCES AGENCY TATE WATER RIGHTS BOARD

## STATEMENT OF WATER DIVERSION AND USE

This statement should be typewritten or legibly written in in.	4	•	2012
Burning of the so that the			
Name of person diverting water City of Santa Cruz			
address Post Office Box 919, Santa Cruz, California 9500	60	} -	
	•	<b>.</b>	
ame of body of water at point of diversion Laguna Creek		-	
ributary to Pacific Ocean			
lace of diversion SW 1/4 SW 1/4 Section 30 Township 10S	, Range	2 <b>V</b>	MD Bee
Santa Cruz County, or locate it on ketch of section grid on re-	verse side with	regard to	section line o
	. ·		14
rominent local landmarks.	· 1 24 961	ar en e	r tient ex presen
Name of works Laguna Creek Diversion Dam		ì	1547
Capacity of diversion works			hie fast per sebes Same per microsi
	2.3		
Capacity of storage reservoir. N/A million	·.1		
State quantity of water used each month in gallons or acre-feet	Ore	Nov. 1	Total Dec. Anne
Year Jan Feb. Mar. Apr. May June July Aug. Sep 1966 : \$2.577 : **7493 : 79524 : \$5.5425 : \$7.482 : \$2.589 : \$6.425 : \$5.	19.36.	Kya :71	575 559 2
1966 : 4.577 : 49.93: 19526 : 19582 : 19582 : 17482 : 1389 : 1958	7)		
If monthly and annual use are not known, check months in which water was t	sed. State ext	nt of us	in units, such
acres of each crop irrigated, average number of persons served, number of stock	watered, etc.		1,1,12,14
acres of each crop strigated, average number or persons			
	100	9-14-	<b>人主主题工艺题</b>
1963 756.129 Hillio	n 🤾	4	
Maximum annual water use in recent years. 1963 756.129 Millio	A THE PARTY OF THE		
Maximum annual water use in recent years. 1961 193,654 H11110	A THE PARTY OF THE		
Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity  X, pump	AD .		
Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity  Method of measurement: weir	n vices p	330 7	
Maximum annual water use in recent years.  Minimum annual water use in recent years.  1961 193,654 H11110  Type of diversion facility: gravity X , pump  Method of measurement: weir , flume , electric power meter	n vices p	330 7	este Constitution
Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity  X , pump  Method of measurement: weir , flume , electric power meter  Purpose of use (what water is being used for) - Municipal , Domestic	, vice s	al, ilri	etisette (gation
Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity  Method of measurement: weir flume electric power meter.  Purpose of use (what water is being used for) Municipal, Domestic.	viter in	al, ilri	1-1-39-0
Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity  Method of measurement: weir flume electric power meter.  Purpose of use (what water is being used for) Municipal. Domestic.	viter in	al, ilri	1-1-39-0
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Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity  Method of measurement: weir.  Purpose of use (what water is being used for)  Municipal. Domestic.  General description or location of place of use (use sketch of section grid on a Santa Cruz Water Service Area	viter in	al, ilri	1-1-39-0
Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity  Method of measurement: weir.  Purpose of use (what water is being used for)  Municipal. Domastic.  General description or location of place of use (use sketch of section grid on a Santa Cruz Water Service Area	viter in	al, ilri	1-1-39-0
Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity X pump  Method of measurement: weir flume electric power meter.  Purpose of use (what water is being used for) Municipal, Domestic.  General description or location of place of use (use sketch of section grid on a Santa Cruz Water Service Area  Year of first use as nearly as known 1890  Name of person filing statement Weaton L. Webber	Industrial Control of the Control of		1-1-39-0
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Maximum annual water use in recent years.  Minimum annual water use in recent years.  Type of diversion facility: gravity  Method of measurement: weir.  Purpose of use (what water is being used for)  Municipal, Domestic.  General description or location of place of use (use sketch of section grid on a Santa Cruz Water Service Area  L Year of first use as nearly as known  1890  Name of person filing statement Weston L. Webber  Position Director of Water Department Organization Santa Cruz Address Post Office Box 919; Santa Cruz, California 95	Industria FO K		1-1-3-0
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